

1919.  
—  
WESTERN AUSTRALIA.

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# Quarterly Statistical Abstract

*(The preliminary figures published in this Abstract are, as far as possible, revised every quarter. Those which appear in this issue consequently supersede any contained in previous issues.)*

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No. 212.  
To 31st December, 1918.

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Compiled from Official Returns.

S. BENNETT, F.I.A.,  
Government Statistician.



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1919.

## NOTES.

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The object of the publication of this "Statistical Abstract" is to furnish each quarter, in a handy and compact form, the latest Official Statistics in connection with those special subjects in regard to which Politicians, the Press, and the Public usually require early and reliable information.

The assistance of the following Government officers, who kindly supply the figures for the respective branches under their supervision, is gratefully acknowledged: The Commonwealth Statistician, the Collector of Customs at Fremantle, the Secretary to the Immigration Department, the Under Treasurer, the Governor of the Commonwealth Savings Bank, the Manager of the State Government Savings Bank, the Heads of the three Railway Systems in the State, the Under Secretary for Mines, the Under Secretary for Lands, the Divisional Officer of the Commonwealth Weather Bureau for the State, and the State Chief Electoral Officer.

Government Statistician's Office,  
Perth, Western Australia,  
15th January, 1919.

S. BENNETT,  
Government Statistician.



# C O N T E N T S.

	Page
I. POPULATION AND VITAL STATISTICS—	
1. Population .. .. .	4
2. Immigration and Emigration .. .. .	4
3. Assisted and Nominated Immigration .. .. .	4
4. Marriages, Births, and Deaths .. .. .	5
II. CENSUS OF 1911—	
5. Summary of Populations of Local Government Areas .. .. .	5
III. FINANCE—	
6. State Revenue .. .. .	5
7. State Expenditure .. .. .	6
8. Public Debt .. .. .	6
9. Commonwealth Savings Bank .. .. .	6
10. Government Savings Bank (State) .. .. .	7
11. Cheque-Paying Banks .. .. .	7
IV. SHIPPING—	
12. Vessels entered and cleared at W.A. Ports .. .. .	8
13. Vessels entered and cleared, decennial return .. .. .	9
V. CUSTOMS AND EXCISE COLLECTIONS—	
14. Customs and Excise Collections at W.A. Ports .. .. .	9
VI. TRADE—	
15. Imports, 1909 to 1918, Totals .. .. .	9
16. Exports, 1909 to 1918, Totals .. .. .	10
17. Trade with Commonwealth States .. .. .	10
18. Imports of most important articles .. .. .	11
19. Exports of Local Products .. .. .	11
20. Wool Export from each Port .. .. .	12
21. Exports, classified items .. .. .	13-16
22. Exports, Ships' Stores .. .. .	17
23. Imports, classified items .. .. .	18-20
24. Imports and Exports at W.A. Ports .. .. .	20
VII. GOLD MINING STATISTICS—	
25. Annual Gold Production, 1886-1918 .. .. .	21
26. Monthly Gold Production, 1909-1918 .. .. .	21
VIII. LIVE STOCK—	
27. Live Stock .. .. .	21
IX. LAND SETTLEMENT—	
28. Land Settlement .. .. .	22
29. Principal Crown Lands Transactions .. .. .	22
X. AGRICULTURE—	
30. Cropping, Clearing, etc. .. .. .	23
31. Areas under Crops .. .. .	23
32. Yield of Principal Crops .. .. .	23
33. Average Yield of Principal Crops .. .. .	23
XI. INDUSTRIAL ESTABLISHMENTS—	
34. Output of principal Manufacturing Establishments .. .. .	24
XII. WAGES—	
35. Minimum Rates of Wages .. .. .	25-28
XIII. PRODUCTION—	
36. Estimated Value of Production .. .. .	28
XIV. METEOROLOGICAL STATISTICS—	
37. Notes on the Rainfall .. .. .	28-30
38. Meteorological Observations .. .. .	30
XV. PARLIAMENTARY ROLLS—	
39. Legislative Assembly, Number of names on Roll .. .. .	31
40. Legislative Council, Number of names on Roll .. .. .	31

# STATISTICS OF WESTERN AUSTRALIA.

(All figures in heavy type are preliminary figures, liable to revision.)

## 1.—POPULATION AND VITAL STATISTICS.

No. 1.—Population of Western Australia (exclusive of full-blooded Aborigines) from 1908.

Period.	Estimated Population on last day of period.			Increase during period.	Masculinity,§	Mean Population.
	Males.	Females.	Total.			
1908 ... ..	148,447	111,224	259,671	5,131	14·34	257,822
1913 ... ..	180,747	139,937	320,684	14,555	12·73	314,002
1914 ... ..	179,188	143,830	323,018	2,334	10·95	323,462
1915 ... ..	171,304	146,712	318,016	†5,002	7·73	322,357
1916 ... ..	159,998	148,808	308,806	†9,210	3·62	314,710
1917 ... ..	158,701	150,722	309,423	617	2·58	308,579
1918, to 30th June ... ..	159,413	151,708	311,121	1,698	2·48	309,922
Third Quarter, 1918 a ... ..	160,239	152,187	312,426	1,305	2·58	311,774
October, 1918 ... ..	160,161	152,304	312,465	39	2·51	312,446
November, 1918 ... ..	160,407	152,280	312,687	222	2·60	312,576
December, 1918 ... ..	160,190	152,158	312,348	†339	2·57	312,518
Fourth Quarter, 1918 ... ..	160,190	152,158	312,348	†78	2·57	312,387
Year, 1918 ... ..	160,190	152,158	312,348	2,925	2·57	310,001

† Decrease.

§ Number of Males over Females in each 100 of total population.

preceding issue.

a Figures corrected from

No. 2.—Immigration into and Emigration from Western Australia from 1908.

Period.	Immigration.			Emigration.			Excess of Immigration over Emigration.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1908 ... ..	14,645	9,949	24,594	14,655	9,684	24,399	† 10	265	255
1913 ... ..	22,270	15,367	37,637	18,437	10,929	29,366	3,833	4,438	8,271
1914 ... ..	16,436	10,834	27,270	20,716	10,381	31,097	†4,280	453	†3,827
1915 ... ..	12,464	8,270	20,734	23,039	8,722	31,761	†10,575	†452	†11,027
1916 ... ..	11,591	7,731	19,322	25,355	8,655	34,010	†13,764	†924	†14,688
1917 ... ..	11,557	6,265	17,822	15,110	7,208	22,318	†3,553	†943	†4,496
1918, to 30th June ... ..	7,994	4,932	12,926	8,272	5,223	13,495	† 278	† 291	† 569
Third Quarter, 1918, a ... ..	3,740	1,810	5,550	3,382	1,959	5,341	358	†149	209
October, 1918 ... ..	701	496	1,197	954	599	1,553	†253	†103	†356
November, 1918 ... ..	1,082	580	1,662	969	785	1,754	†113	†205	†92
December, 1918 ... ..	1,594	710	2,304	1,892	949	2,841	†298	†239	†537
Fourth Quarter, 1918 ... ..	3,377	1,786	5,163	3,815	2,333	6,148	†438	†547	†985
Year, 1918 ... ..	15,111	8,528	23,639	15,469	9,515	24,984	†358	†987	†1,345

† Excess of emigration over immigration.

a Figures corrected from preceding issue.

No. 3.—Assisted and Nominated Immigration.

Period.	Adults (12 years and upwards).			Children under 12 years of age.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1908 ... ..	515	391	906	134	96	230	649	487	1,136
1913 ... ..	2,626	2,809	5,435	1,169	1,104	2,273	3,795	3,913	7,708
1914 ... ..	520	672	1,192	268	269	537	788	941	1,729
1915 ... ..	139	266	405	88	103	191	227	369	591
1916 ... ..	7	58	65	16	22	38	23	80	103
1917 ... ..	3	19	22	2	2	4	5	21	26
* { March, 1918 ... ..	...	19	19	4	3	7	4	22	26
{ September, 1918 ... ..	...	16	16	4	6	10	4	22	26
{ November, 1918 ... ..	4	7	11	2	1	3	6	8	14
Year, 1918 ... ..	4	42	46	10	10	20	14	52	66

\* "Nil" returns for the other months.

**No. 4.—Number of Marriages, Births, and Deaths registered in Western Australia from 1908.**

Period.	Marriages Registered.	Births Registered.			Deaths Registered.			Excess of Births over Deaths.	Annual Birth, Death, and Marriage Rate per 1,000 of Mean Population.		
		M.	F.	Total.	M.	F.	Total.		Birth Rate.	Death Rate.	Marriage Rate.
1908 ... ..	2,012	3,993	3,762	7,755	1,800	1,079	2,879	4,876	30.08	11.17	7.80
1913 ... ..	2,572	4,710	4,508	9,218	1,852	1,082	2,934	6,284	29.36	9.34	8.19
1914 ... ..	2,660	4,663	4,541	9,204	1,942	1,101	3,043	6,161	28.45	9.41	8.22
1915 ... ..	2,581	4,578	4,439	9,017	1,887	1,105	2,992	6,025	27.97	9.28	8.01
1916 ... ..	2,365	4,439	4,124	8,563	1,981	1,104	3,085	5,478	27.21	9.80	7.51
1917 ... ..	1,621	4,058	3,824	7,882	1,802	967	2,769	5,113	25.54	8.97	5.25
1918, to 30th June	821	1,866	1,784	3,650	876	507	1,383	2,267	23.75	9.00	5.34
Third Quarter, 1918 <i>a</i>	380	926	907	1,833	458	279	737	1,096	23.33	9.38	4.84
October, 1918 ...	141	312	303	620	137	88	225	395	23.36	8.48	5.31
November, 1918 ...	125	276	266	542	143	85	228	314	21.10	8.87	4.87
December, 1918 ...	138	242	215	457	161	98	259	198	17.22	9.76	5.20
Fourth Quarter, 1918	404	830	789	1,619	441	271	712	907	20.56	9.04	5.13
Year, 1918 ...	1,605	3,622	3,480	7,102	1,775	1,057	2,832	4,270	22.91	9.14	5.18

*a* Figures corrected from preceding issue.

**II.—CENSUS OF 1911.**

NOTE.—All figures are exclusive of full-blooded aborigines. These, so far as enumerated, numbered 3,433 males, 2,936 females, total, 6,369. This includes only those who were in the employ of whites at date of the Census, or were living in a civilised or semi-civilised condition in the vicinity of settlements of whites at that date.

**No. 5.—Summary of Populations of Local Government Areas in Western Australia on 3rd April, 1911.**

Local Government Areas.	Population.		
	Males.	Females.	Total.
Municipalities—			
Metropolitan .. ..	45,676	46,462	92,138
Other .. ..	27,500	24,170	51,670
Total .. ..	73,176	70,632	143,808
Road Districts .. ..	82,543	48,747	131,290
Shipping .. ..	5,846	1,170	7,016
Total for the State ..	161,565	120,549	282,114

**III.—FINANCE.**

**No. 6.—Details of State Revenue of Western Australia from 1st July, 1908, to 31st December, 1918.**

Period.	Collected by the State.					From Common- wealth Funds.	† Total State Revenue.	Mean Popula- tion.	Revenue ‡ Per head of Popu- lation.
	Taxation.	Land, Timber, and Mining.	Business Concerns.		Other Sources.				
			* Railways.	‡ Other.					
	£	£	£	£	£	£	£		£
1908-9' ...	296,599	288,671	1,520,454	320,749	223,717	616,824	3,267,014	260,355	12.548 <i>a</i>
1913-14 ...	386,104	404,062	2,382,022	954,814	437,378	640,963	5,205,343	319,724	16.217
1914-15 ...	371,961	396,544	2,163,790	1,210,571	366,572	631,287	5,140,725	323,915	15.904
1915-16 ...	407,957	381,445	2,217,250	1,320,500	413,722	616,104	5,356,978	319,231	16.846
1916-17 ...	402,337	330,148	2,004,148	759,200	486,707	594,467	4,577,007	310,684	14.732
1917-18 ...	449,456	315,907	1,970,333	800,924	486,677	599,239	4,622,536	309,367	14.942
July to Dec., 1918	230,283	172,879	865,749	399,409	206,872	280,569	2,155,761	312,080	6.908

\* Including Perth Electric Tramways from 1st July, 1913.

‡ The figures for 1916-17, and following periods

are not comparable with those for previous years, before the operation of the State Trading Concerns Act.

*a* Figures corrected from preceding issue.

No. 7.—Details of State Expenditure of Western Australia from 1st July, 1908, to 31st December, 1918.

Period.	Interest and Sinking Funds, Public Debt.	Lands, Surveys, Forests, and Mines.	Business Concerns.		Education.	All other.	\$ Total State Expenditure.	\$ Per head of Population.	Debit Balance at end of period.
			* Railways.	\$ Other.					
1908-9 ..	£ 950,051	£ 186,445	£ 987,052	£ 164,627	£ 178,109	£ 902,267	£ 3,368,551	£ 12.938	£ 312,634
1913-14 ..	1,384,096	150,329	1,658,276	737,150	318,725	1,092,178	5,340,754	16.654	446,926
1914-15 ..	1,546,652	132,491	1,588,966	1,118,480	326,799	993,154	5,706,542	17.667	1,012,743
1915-16 ..	1,664,137	116,824	1,602,400	1,038,152	331,156	952,532	5,705,201	17.937	1,360,965
1916-17 ..	1,765,839	121,071	1,546,450	410,094	347,632	1,085,678	5,276,764	16.979	£ 699,757
1917-18 ..	1,875,198	117,575	1,559,579	368,751	367,292	1,039,884	5,328,279	17.223	† 705,743
July to Dec., 1918	977,084	54,020	663,750	218,108	179,234	469,895	2,562,091	8.210	† 1,112,074

\* Including Perth Electric Tramways from 1st July, 1913. † Also £643,253 transferred to Deficiency Account.  
 a Figures corrected from preceding issue. ‡ After £1,436,354 transferred to Deficiency Account. § See note † to foregoing Table.

No. 8.—Public Debt of Western Australia, 1909 to 1918 ; also Indebtedness per head of Estimated Population.

Date.	Amount outstanding.				Average nominal interest payable.	Accrued Sinking Fund on 31st March.	Net Indebtedness (Approximate).	
	Debentures.	Inscribed Stock.	Treasury Bills and Bonds, etc.	Total.			Amount.	Per head of Population.
30th June—1909 ..	£ 412,800	£ 20,821,953	£ 717,000	£ 21,951,753	% 3.45	£ 2,233,385	£ 19,718,368	£ 74.828
1914 ..	372,700	33,614,411	433,070	34,420,181	3.59	3,692,103	30,728,078	94.853
1915 ..	364,400	33,923,071	2,735,151	37,022,622	3.63	4,068,888	32,953,734	102.174
1916 ..	359,300	34,097,751	4,682,625	39,139,676	3.67	4,528,432	34,611,244	109.086
1917 ..	1,701,700	33,866,076	5,347,050	40,914,826	3.77	5,035,963	35,878,863	116.167
1918 ..	2,253,110	33,866,076	6,184,815	42,304,001	3.82	5,570,851	36,733,150	118.067
31st Dec., 1918	2,253,110	33,881,871	6,289,435	42,424,416	3.82	5,851,000	36,573,416	117.092

a On 30th September.

No. 9.—Transactions of Commonwealth Savings Bank in Western Australia from 13th January, 1913.

Period	* Amount deposited during period.	* Amount withdrawn during period.	Excess of Deposits over Withdrawals.	Number of Accounts.			Due to Depositors at end of period.†	Average to credit of each account.	Average per head of population.
				Opened.	Closed.	Remaining open.			
1913 † ..	£ 148,715	£ 33,343	£ 115,372	No. 4,393	No. 284	No. 4,114	£ 112,359	£ 27.311	£ 0.358
1913-1914 ..	409,040	237,256	181,784	7,666	1,669	10,111	277,956	27.490	0.858
1914-1915 ..	553,991	322,823	231,163	8,969	2,191	16,889	497,714	29.470	1.543
1915-1916 ..	762,942	521,002	241,940	9,523	2,870	23,542	726,419	30.856	2.308
1916-1917 ..	973,519	667,375	306,144	10,030	3,410	30,162	1,025,661	34.005	3.324
1917-1918 ..	1,160,924	921,520	239,404	8,401	3,262	35,301	1,254,694	35.543	4.033
Sept. Quarter, 1918	355,266	293,245	62,021	2,468	1,092	36,677	1,304,976	35.580	4.177

\* Exclusive of transfers from and to other States of the Commonwealth, but including interest on accounts closed.  
 † 13th January to 30th June. ‡ Inclusive of Accrued Interest.

## No. 10.—Transactions of the Government Savings Bank from 1908.

Period.	Amount deposited.	Amount withdrawn.	Interest.	Number of Accounts.			Due to Depositors.†	Average per Account.	*Average per head of population.
				Opened.	Closed.	Remaining open			
	£	£	£	No.	No.	No.	£	£	£
1908-9 .. ..	2,073,908	1,984,962	83,702	17,062	13,495	71,262	3,052,531	42·837	11·595
1913-14 .. ..	4,551,872	4,600,884	128,276	26,003	21,744	105,889	4,624,482	43·673	14·346
1914-15 .. ..	3,743,135	3,878,854	129,639	18,917	17,572	107,234	4,618,402	43·068	14·401
1915-16 .. ..	3,640,874	3,828,187	146,339	18,031	15,331	109,934	4,577,428	41·638	14·640
1916-17 .. ..	3,523,851	3,471,959	151,414	17,226	12,146	115,014	4,780,734	41·567	15·609
1917-18 c .. ..	3,606,075	3,549,293	160,250	15,587	11,544	119,057	4,997,766	41·978	16·184
6 months ended 31st December, 1918	2,005,814	2,041,486	† 2,636	7,184	5,207	121,034	4,964,730	41·019	16·015

## § SCHOOL SAVINGS BANK.

1908-9 .. ..	2,792	1,085	30	2,618	673	4,590	3,044	0·662	**0·096
1913-14 .. ..	14,710	9,642	428	5,613	2,560	18,510	23,016	1·242	**0·521
1914-15 .. ..	14,068	11,448	539	5,070	2,926	20,654	26,175	1·267	**0·562
1915-16 .. ..	13,967	11,202	676	5,066	2,770	22,982	29,616	1·287	**0·646
1916-17 .. ..	18,785	13,987	802	5,775	2,726	26,031	35,216	1·353	**0·735
1917-18 c .. ..	20,583	19,165	934	5,339	3,588	27,782	37,568	1·352	**0·763
6 months ended 31st December, 1918	11,020	11,170	† 20	1,648	1,560	27,870	637,438	1,343	**0·773

\*Including School Savings Bank Deposits.

† Interest on those accounts only which were closed during the period.

§ Worked in connection with Government Savings Bank.

|| Exclusive of accrued interest from 1st July, 1918.

b Exclusive of amount in transitu, £2,806.

c Figures corrected from preceding issue.

## No. 11.—Averages from 1908 of the Weekly Statements of Liabilities and Assets of the Cheque-paying Banks (formerly Banks of Issue) operating in Western Australia.

Period.		No. of Banks.	Liabilities.							Total Average Liabilities.
			Notes in Circulation.	Bills in Circulation.	Balances due to other Banks.	Deposits.				
						Not bearing Interest.	Bearing Interest.	Total.		
			£	£	£	£	£	£	£	
1908	.. .. .	6	317,845	51,080	128,339	2,951,945	2,033,167	4,985,112	5,482,376	
1913	.. .. .	7	32,992	67,886	275,125	3,588,005	2,832,448	6,420,453	6,796,456	
1914	.. .. .	7	29,487	67,165	314,386	3,781,284	3,112,431	6,893,715	7,304,753	
1915	.. .. .	8	28,248	72,028	323,781	3,857,557	3,757,174	7,614,731	8,038,788	
1916	.. .. .	8	27,632	67,233	294,492	4,080,959	3,968,365	8,049,324	8,438,731	
1917	.. .. .	8	27,147	51,346	254,907	4,283,180	4,305,954	8,589,134	8,922,534	
1918, 1st Quarter	.. .. .	8	26,979	67,529	284,498	4,684,209	4,814,055	9,498,264	9,877,270	
1918, 2nd Quarter	.. .. .	8	26,921	63,398	280,435	4,862,009	4,908,487	9,770,496	10,141,250	
1918, 3rd Quarter	.. .. .	8	26,860	46,162	280,119	4,550,432	4,951,757	9,502,189	9,855,330	
1918, 4th Quarter *	.. .. .	8	26,822	51,679	391,486	4,935,226	5,004,272	9,939,498	10,409,485	

Period.	Assets.									
	Coined Gold, Silver, and other metals.	Gold and Silver in Bullion and Bars.	Government, Municipal, and Public Securities.	Landed Property and Bank Premises.	Australian Notes.	Notes and Bills of other Banks.	Balances due from other Banks.	Notes and Bills discounted, and other Debts.	Total Average Assets.	
		£	£	£	£	£	£	£	£	
1908	...	1,767,610	593,364	128,948	196,195	...	50,209	57,898	5,451,179	8,245,403
1913	...	2,389,673	612,261	203,680	219,187	406,972	70,252	203,916	8,176,292	12,282,233
1914	...	2,914,379	557,873	469,884	217,980	547,637	107,634	243,781	8,316,595	13,375,743
1915	...	3,255,181	543,962	569,113	217,054	1,400,727	106,505	550,502	8,709,231	15,352,275
1916	...	3,079,893	434,706	696,327	227,868	1,382,616	109,923	490,926	9,317,390	15,739,649
1917	...	1,254,261	393,089	624,532	230,233	1,568,869	118,979	537,700	9,142,638	13,870,301
1918, 1st Qr.	...	1,008,323	370,628	621,556	229,983	1,768,951	118,301	588,592	8,978,520	13,684,854
1918, 2nd Qr.	...	1,014,328	314,586	618,433	224,829	1,448,697	123,371	572,860	9,204,455	13,521,559
1918, 3rd Qr.	...	1,017,096	281,450	642,296	224,722	1,396,253	122,629	505,295	9,887,722	14,077,463
*1918, 4th Qr.	...	1,016,704	284,344	658,732	224,689	1,578,654	125,143	622,502	10,157,107	14,667,875

\* Preliminary figures, subject to revision.



## IV.—SHIPPING.

No. 12.—Number and Tonnage of Vessels (including Vessels trading only within the State) entered and cleared at the Various Ports of Western Australia during the undermentioned periods.

## VESSELS INWARDS.

Ports.	Year ended 30th June, 1918.				Quarter ended 30th September, 1918.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	No.	No.	No.	No.	No.	No.	No.	No.
Fremantle .. ..	131	113	26	270	33	35	4	72
Albany .. ..	24	57	48	129	11	16	5	32
Bunbury .. ..	10	4	44	58	2	...	15	17
Geraldton .. ..	4	4	63	71	...	1	17	18
Broome .. ..	14	3	32	49	2	2	7	11
Carnarvon .. ..	10	4	62	76	2	2	19	23
Onslow .. ..	6	4	35	45	1	2	8	11
Point Samson .. ..	7	4	52	63	2	2	11	15
Port Hedland .. ..	6	4	35	45	1	2	7	10
Derby .. ..	4	3	33	40	2	2	10	14
Other Ports .. ..	1	10	40	56	1	3	10	14

## TONNAGE INWARDS.

Ports.	Year ended 30th June, 1918.				Quarter ended 30th September, 1918.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	tons.	tons.	tons.	tons.	tons.	tons.	tons.	tons.
Fremantle .. ..	502,842	345,645	33,806	882,293	88,844	87,492	7,288	183,624
Albany .. ..	99,948	195,434	74,970	370,352	48,219	55,348	4,098	107,665
Bunbury .. ..	22,065	8,929	56,737	87,731	5,824	...	18,677	24,501
Geraldton .. ..	15,211	5,532	50,719	71,462	...	1,844	11,810	12,509
Broome .. ..	2,831	2,774	13,473	19,078	3,273	3,688	20,531	26,096
Carnarvon .. ..	15,065	7,376	68,266	90,707	1,877	3,688	13,734	19,058
Onslow .. ..	9,891	7,376	52,741	70,008	1,636	3,688	18,742	25,702
Point Samson .. ..	11,527	7,376	57,814	76,717	3,272	3,688	9,989	15,313
Port Hedland .. ..	9,866	7,376	50,093	67,335	1,636	3,688	19,400	26,360
Derby .. ..	6,544	5,532	55,203	67,279	3,272	3,688	15,033	21,539
Other Ports .. ..	2,831	17,526	56,090	76,447	2,831	3,705	...	...

## VESSELS OUTWARD

Ports.	Year ended 30th June, 1918.				Quarter ended 30th September, 1918.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	No.	No.	No.	No.	No.	No.	No.	No.
Fremantle .. ..	94	152	24	270	34	38	4	76
Albany .. ..	41	22	69	132	15	7	9	31
Bunbury .. ..	11	27	23	61	2	7	8	17
Geraldton .. ..	2	5	64	71	1	1	15	17
Broome .. ..	17	5	26	48	1	1	9	11
Carnarvon .. ..	11	5	57	73	4	1	17	22
Onslow .. ..	8	5	37	50	2	1	18	21
Point Samson .. ..	11	5	49	65	1	1	12	14
Port Hedland .. ..	12	5	29	46	1	1	8	10
Derby .. ..	5	5	31	41	1	1	12	14
Other Ports .. ..	4	12	43	59	1	3	6	10

## TONNAGE OUTWARD.

Ports.	Year ended 30th June, 1918.				Quarter ended 30th September, 1918.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	tons.	tons.	tons.	tons.	tons.	tons.	tons.	tons.
Fremantle .. ..	269,300	589,400	26,184	884,884	77,029	101,827	5,020	183,876
Albany .. ..	171,837	94,879	98,709	365,425	72,540	21,295	13,268	107,103
Bunbury .. ..	24,999	48,907	11,920	85,826	5,824	13,759	4,917	24,500
Geraldton .. ..	6,619	9,220	39,875	55,714	1,661	1,844	8,863	12,368
Broome .. ..	18,350	9,220	43,653	71,223	1,636	1,844	15,889	19,369
Carnarvon .. ..	18,121	9,220	64,845	92,186	3,779	1,844	20,126	25,749
Onslow .. ..	13,183	9,220	49,298	71,706	3,297	1,844	13,968	19,109
Point Samson .. ..	18,121	9,220	51,224	78,565	1,636	1,844	20,560	24,040
Port Hedland .. ..	18,128	9,220	43,263	70,611	1,661	1,844	12,124	15,629
Derby .. ..	8,230	9,220	53,285	70,735	1,636	1,844	22,879	26,359
Other Ports .. ..	9,922	21,214	51,260	82,396	2,831	3,705	8,234	14,770



No. 13.—Number and Tonnage of Vessels entered and cleared at Western Australian Ports from and to Ports outside the State during the undermentioned periods.

Year.	Inwards.		Outwards.		Inwards and Outwards.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
1909 ... ..	652	2,067,286	650	2,054,189	1,302	4,121,475
1914* ... ..	527	1,798,007	527	1,794,670	1,054	3,592,677
1914-15 † ... ..	650	2,366,855	655	2,384,122	1,305	4,750,977
1915-16 ... ..	685	2,491,537	689	2,492,875	1,374	4,984,412
1916-17 ... ..	728	2,548,339	731	2,557,986	1,459	5,106,325
1917-18 ... ..	312	1,094,000	315	1,102,295	627	2,196,295
Quarter ended 30th Sept., 1918	92	269,269	95	266,774	187	536,043

\* Six months ended 30th June.

† Year ended 30th June.

## V.—CUSTOMS AND EXCISE COLLECTIONS.

No. 14.—Gross Customs and Excise Collections in Western Australia during the undermentioned periods.

STATIONS.	Year ended 30th June, 1918.			Half-year ended 31st Dec., 1918.		
	Customs.	Excise.	Total.	Customs.	Excise.	Total.
Fremantle .. ..	£ 179,630	£ 65,301	£ 244,931	£ 91,070	£ 33,595	£ 124,665
Albany .. ..	3,450	536	3,986	2,219	1	2,220
Bunbury .. ..	1,229	27	1,256	346	...	346
Broome .. ..	11,419	74	11,493	4,692	...	4,692
Carnarvon .. ..	1,497	125	1,622	808	140	948
Roebourne .. ..	766	...	766	205	...	205
Derby .. ..	250	16	266	101	50	151
Geraldton .. ..	4,031	3,575	7,606	2,385	2,382	4,767
Onslow .. ..	246	19	265	80	24	104
Perth .. ..	192,006	100,427	292,433	96,149	77,457	173,606
Port Hedland .. ..	1,239	190	1,429	442	112	554
Wyndham .. ..	1,072	26	1,098	303	...	303
Total .. ..	396,835	170,316	567,151	198,800	113,761	312,561

## VI.—TRADE.

NOTE.—Figures relating to Export Values of Gold Specie and Bullion at present not available.

No. 15.—Value of Imports into Western Australia during the undermentioned periods.

Imports from.	1909.	*1914.	†1914-15.	†1915-16.	†1916-17.	1917-18.
United Kingdom .. ..	£ 2,084,956	£ 1,491,191	£ 2,414,839	£ 2,292,187	£ 2,598,834	£ 1,112,995
Other States of Com'wealth	3,084,570	2,127,796	4,315,082	4,813,891	4,995,823	5,112,412
New Zealand .. ..	22,117	11,835	40,853	26,727	41,824	18,214
Other British Possessions ..	363,064	281,585	465,995	847,233	702,896	647,173
Total, British .. ..	5,554,707	3,912,407	7,236,709	7,980,039	8,339,377	6,890,794
Foreign Countries .. ..	852,253	771,534	1,064,511	1,002,962	1,042,833	726,889
Grand Total .. ..	6,406,960	4,683,941	8,301,280	8,983,000	9,382,210	7,617,683
Value of Imports per head of Mean Population ..	£ 24.333	£ 14.517	£ 25.629	£ 28.137	£ 30.198	£ 24.623

\* Six months ended 30th June.

† Year ended 30th June.

No. 16.—Value of Exports from Western Australia during the undermentioned periods.

Exports to.	1909.	*1914.	†1914-15.	1915-16.	1916-17.	1917-18.
	£	£	£	£	£	£
United Kingdom .. ..	3,219,529	1,732,123	1,451,578	2,510,366	2,807,639	1,129,992
Other States of Com'wealth	2,060,537	2,237,140	2,088,590	3,355,493	1,125,865	1,391,439
New Zealand .. ..	76,448	52,626	64,277	14,288	17,769	8,946
Other British Possessions ..	2,593,567	468,672	1,290,593	1,594,825	674,117	362,868
Total, British .. ..	7,950,081	4,490,561	4,895,038	7,474,972	4,625,390†	2,893,245
Foreign Countries .. ..	790,995	640,488	314,350	264,974	643,982	558,480
Ships' Stores .. ..	119,418	78,499	142,752	300,538	293,594	155,610
Grand Total .. ..	8,860,494	5,209,548	5,352,140	8,040,484	5,562,966	3,607,335
Value of Exports per head of Mean Population .. ..	£ 33·654	£ 16·146	£ 16·525	£ 25·187	£ 17·905	£ 11·660

\* Six months ended 30th June. † Year ended 30th June. ‡ Corrected from preceding issue.

No. 17.—Total Value of Imports into and Exports from the State of Western Australia from and to the other States of the Commonwealth during the undermentioned periods.

Origin.	New South Wales.	Victoria.	Queensland.	South Australia.	Tasmania.	Northern Territory.	Total.
IMPORTS—YEAR ENDED 30TH JUNE, 1918.							
Australian .. ..	1,362,575	2,196,987	67,597	536,827	65,490	5,003	4,234,479
Oversea .. ..	295,823	493,679	468	87,497	..	466	877,933
Total .. ..	1,658,398	2,690,666	68,065	624,324	65,490	5,469	5,112,412
EXPORTS—YEAR ENDED 30TH JUNE, 1918.							
West Australian...	289,449	421,229	354	254,284	3,049	73,721	1,042,086
Other Australian ..	27,539	35,275	166	17,613	458	630	81,681
Oversea ... ..	105,832	82,377	9,767	63,831	3,070	2,795	267,672
Total ... ..	422,820	538,881	10,287	335,728	6,577	77,146	1,391,439
IMPORTS—HALF YEAR ENDED 30TH DECEMBER, 1918.							
Australian .. ..	666,613	1,285,960	25,812	307,883	18,521	2,593	2,307,382
Oversea ... ..	199,510	315,731	274	38,246	70	8	553,927
Total .. ..	866,123	1,601,691	26,086	346,129	18,591	2,601	2,861,309
EXPORTS—HALF YEAR ENDED 31ST DECEMBER, 1918.							
West Australian...	197,409	109,082	904	122,674	8,745	323	439,137
Other Australian ..	19,138	33,919	2,968	28,141	43	225	84,434
Oversea ... ..	52,127	72,568	5,638	36,685	330	594	167,942
Total ... ..	268,674	215,569	9,510	187,500	9,118	1,142	691,513

No. 18.—Value of Imports into Western Australia during the undermentioned periods, distinguishing the more important articles or group of articles.

Articles.	1909.	*1914.	†1914-5.	1915-6.	1916-7.	1917-18.
	£	£	£	£	£	£
Coin and Bullion ... ..	19,201	8,502	46,406	6,808		
Meat and Fish (fresh and preserved) ... ..	184,099	116,598	196,763	143,296	134,458	76,612
Spirits, Beer, and Wine ... ..	241,492	132,195	217,389	166,425	240,431	187,553
Tobacco, Cigars, and Cigarettes ... ..	151,698	84,412	270,933	276,329	276,843	246,939
Live Cattle, Sheep, Horses, and Pigs ... ..	98,234	108,940	146,509	72,573	66,734	32,358
Bacon, Hams, Tongues, Butter, Cheese, Eggs, and Tinned Milk ... ..	620,127	468,423	891,363	846,943	776,016	755,600
Sugar ... ..	189,046	113,128	229,427	286,963	355,082	344,952
Wearing Apparel, Drapery, Piece Goods, Hats and Bonnets, Blankets, Boots and Shoes, Sewing Silks and Cottons ... ..	1,107,605	725,714	1,283,023	1,542,903	1,807,507	1,577,264
Timber, Cement, and Furniture ... ..	165,883	140,474	213,476	165,932	158,278	145,102
Ammunition and Explosives ... ..	154,221	94,696	158,256	166,177	238,145	
Oils ... ..	106,766	100,635	159,989	190,141	274,875	233,484
Machines, Machinery, Pumps, Apparatus for raising water, and Tools ... ..	427,134	394,256	588,872	668,358	500,307	355,865
Iron, Steel, Ironmongery, Metal and Metalware, Cutlery, Hardware, Nails, Screws, etc. ... ..	735,448	615,714	786,473	873,804	730,787	644,138
Wheat, Flour, Oats, Oatmeal, Malt, Bran and Pollard, Potatoes and Onions ... ..	236,585	71,310	500,788	311,823	121,477	142,817
Jams, Jellies, and Fruits ... ..	150,559	95,660	178,968	236,803	160,416	191,971
Tea ... ..	92,644	62,240	135,461	151,377	150,047	136,839
Coal and Coke ... ..	79,193	58,292	120,039	173,538	171,771	110,092
Paper, Books, and Stationery ... ..	161,138	105,905	191,909	262,681	338,843	227,328
Cyanide ... ..	157,336	73,969	138,875	95,534	122,680	92,209
Jewellery, Clocks and Watches, and Fancy Goods ... ..	117,659	48,082	95,534	100,392	100,556	101,959
Drugs, Chemicals, and Medicines ... ..	122,022	98,951	186,484	261,913	325,387	278,611
All other Articles ... ..	1,088,870	965,845	1,564,343	1,939,766	2,281,570	1,739,144
Total ... ..	6,406,960	4,683,941	8,301,280	8,983,000	9,382,210	7,617,683

\* Six months ended 30th June. † Year ended 30th June. § Information not available for publication.

No. 19.—Value of the more important Products of Western Australia exported, and of the total Exports, also of the total production of Coal, during the undermentioned periods.

Articles.	1909.	Six months ended 30th June, 1914.	Year ended 30th June, 1915.	Year ended 30th June, 1916.	Year ended 30th June, 1917.	Year ended 30th June, 1918.	Six months ended 31st December, 1918.
Gold Specie (including Exports of Local Gold coined at Perth Mint) ... ..	£ 3,502,907	*2,023,825	*1,837,412	*2,389,229	g	g	g
Principal Articles of Export, being the produce of Western Australia—							
†Uncoined Gold ... ..	£ 2,217,358	277,171	448,990	856,198	58,500	62,703	g
Wool ... { Quantity ... .. lb. 27,144,579	4,881,071	24,004,807	29,103,454	24,405,283	10,632,022	16,524,717	
Value ... .. £ 1,013,180	182,039	817,630	1,273,183	1,420,291	535,819	1,153,337	
Timber ... ..	£ 867,419	502,153	808,392	442,014	310,983	274,280	158,985
Hides and Skins ... ..	£ 197,655	104,475	149,931	251,822	222,506	203,738	121,226
Pearls and Shell ... ..	£ 274,960	135,970	178,055	162,597	208,486	174,050	11,906
Sandalwood ... ..	£ 37,456	39,800	78,926	61,381	72,669	81,834	89,032
Mallet Bark ... ..	£ 59,633	18,197	6,127	10,208	18,959	16,886	7,959
Copper (Ingot, Ore, and Matte) ... ..	£ 104,641	8,339	69,286	67,082	86,382	60,412	40,110
Tin, Dressed and Ingot ... ..	£ 62,989	24,623	25,665	46,183	56,519	55,132	39,845
Silver (Bar, Ingot, etc.) ... ..	£ 18,778	13,175	20,793	20,876	26,785	37,171	8,095
Wheat ... { Quantity ... .. Centals 374,796	4,371,671	12	2,358,540	4,221,757	1,016,362	480,316	
Value ... .. £ 129,025	1,343,856	10	1,023,362	1,619,630	437,769	191,839	
Flour ... { Quantity ... .. Centals 21,948	365,358	58,992	345,947	759,439	1,161,371	1,013,675	
Value ... .. £ 10,680	158,011	26,630	213,991	424,361	693,577	633,205	
Mutton and Lamb ... ..	£ ...				1,969	30	
Fruit ... { Quantity ... .. Centals 1,764	46,983	33,851	17,687	79,797	30,697	3,759	
Value ... .. £ 2,157	68,280	46,417	22,236	82,014	35,689	3,953	
All other Articles ... ..	£ 361,656	309,634	837,876	1,200,122	954,881	1,079,502	657,050
Total Exports ... ..	£ 8,860,494	5,209,548	5,352,140	8,040,484	5,562,966	3,607,335	3,116,572
Coal produced { Quantity ... .. Tons 214,302	152,444	292,100	289,296	326,341	331,378	167,694	
Value ... .. £ 90,965	71,294	137,575	140,388	182,852	192,248	101,112	

\* The exact amount, being Western Australian mintage, cannot be ascertained with any accuracy. † For TOTAL PRODUCTION OF GOLD see Table No. 26, p. 21. § The exports of the principal articles of mineral production may be taken as representing the bulk of the output. Coal, however, is at present principally used for local purposes. ‡ Exclusive of pearls. g Information not at present available for publication. h Figures amended from preceding issue. i See note under "Trade," page 9. j Gold contained in ores.

# WOOL EXPORTS.

No. 20.—Quantity and Value of Wool Exported from Western Australia during the undermentioned periods.

(All figures in heavy type are preliminary, and liable to revision.)

YEAR ENDED 30TH JUNE, 1918.																
Ports.					Oversea.				Interstate.				Total.			
					Greasy.		Scoured.		Greasy.		Scoured.		Greasy.		Scoured.	
					bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.		
Fremantle	..	..	..	..	14,006	4,926,862	278	70,927	7,108	2,816,067	102	32,639	21,114	7,742,929	380	103,566
Albany ..	..	..	..	..	2,187	760,739	35	9,401	5,263	2,015,387	..	..	5,263	2,015,387	..	..
Geraldton	..	..	..	..	..	..	..	..	..	..	..	..	2,187	760,739	35	9,401
Bunbury	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cossack	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Carnarvon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Port Hedland	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Derby	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Onslow ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Broome	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Shark Bay	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Balla Balla	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total .. { Quantity .. ..£					16,193	5,687,601	313	80,328	12,371	4,831,454	102	32,639	28,564	10,519,055	415	112,967
					340,927		6,062		187,265		1,565		528,192		7,627	
					Half Year ended 31st December, 1918.				Half Year ended 31st December, 1918.				Total.			
					bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.
Fremantle	..	..	..	..	42,911	14,904,386	803	191,948	2,426	1,009,383	...	...	45,337	15,913,769	803	191,948
Albany ..	..	..	..	..	806	270,634	...	...	412	148,366	...	...	1,218	419,000	...	...
Geraldton	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Bunbury	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Cossack	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Carnarvon	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Port Hedland	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Derby	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Onslow ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Broome	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Shark Bay	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Balla Balla	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Total .. { Quantity .. ..£					43,717	15,175,020	803	191,948	2,838	1,157,749	...	...	46,555	16,332,769	803	191,948
					1,087,330		20,241		45,766		...		1,133,096		20,241	

No. 21.—Principal Exports, Overseas and Interstate, during the Six months ended 31st December, 1918.

Article.	OVERSEAS.				INTERSTATE.						Total.	
	Quantity.		Value.		Quantity.			Value.			Quantity.	Value.
	Australian Origin.	Overseas Origin.	Australian Origin.	Overseas Origin.	West Australian Origin.	Other Australian Origin.	Overseas Origin.	West Australian Origin.	Other Australian Origin.	Overseas Origin.		
Aerated and Mineral Waters ... .. £	...	...	£ 3	£	...	...	...	£	£	£	...	£ 3
Ale and Beer (in bottles) ... .. gal.	1,656	...	163	...	...	...	...	...	...	...	1,656	163
Animals—Living—												
Horses ... .. No.	6	...	1,300	...	...	...	...	...	...	...	6	1,300
Sheep ... ..	8,559	...	6,700	...	8,156	2	...	11,793	38	...	16,717	18,531
Other ... .. £	...	...	12	...	...	...	...	54	20	...	...	86
Apparel ... ..	...	...	206	718	...	...	...	204	18,485	26,011	...	45,624
Arms, Ammunition, Explosives ... ..	...	...	...	56	...	...	...	...	...	29	...	85
Bags, Baskets, Boxes, etc. ... .. £	...	...	12	...	...	...	...	22	6	...	...	40
Bark, Tanning ... .. cwt.	...	...	...	...	17,857	...	...	7,959	...	...	17,857	7,959
Belting, all kinds ... .. £	...	...	561	...	...	...	...	...	...	1,628	...	2,189
Biscuits ... .. lbs.	226,225	...	12,857	...	33,383	...	...	2,196	...	...	259,608	15,053
Blackings and Dressings ... .. £	...	...	9	8	...	...	...	...	...	25	...	33
Books, Printed, Music, Periodicals, etc. ... ..	...	...	...	...	...	...	...	300	77	442	...	828
Boots and Shoes ... ..	...	...	782	...	...	...	...	...	830	326	...	1,938
Brushware ... ..	...	...	3	29	...	...	...	1,077	...	4	...	1,113
Butter ... .. lb.	146,250	...	13,234	...	...	16,632	...	...	1,212	...	162,882	14,446
Butter, Substitutes for ... ..	9,375	...	322	...	...	1,120	...	...	30	...	10,495	352
Candles, Nightlights, etc. ... ..	...	...	...	...	2,625	...	...	102	...	...	2,625	102
Cheese ... .. lb.	...	...	...	...	...	1,318	...	...	154	...	1,318	154
Clocks and Watches ... ..	...	...	...	20	...	...	...	...	...	18	...	38
Cocoa and Chocolate ... .. lb.	72	...	6	...	12,747	...	11,700	932	...	2,053	24,519	2,991
Coffee and Chicory ... ..	...	294	...	23	...	...	...	...	...	...	294	23
Confectionery ... ..	43,697	...	3,191	...	92,395	1,300	...	5,209	80	...	137,392	8,480
Concentrates—												
Copper ... .. cwt.	...	...	...	...	620	...	...	1,400	...	...	620	1,400
Copper: Bar, Rod, Sheet, Pipes, and Tubes ... ..	...	...	...	...	...	...	25	...	...	252	...	252
Ingots ... ..	...	...	...	...	7	...	...	90	...	...	7	90
Blister ... ..	...	...	...	...	4,980	...	...	28,792	...	...	4,980	28,792
Cordage and Twines ... ..	...	...	...	...	...	...	...	...	17	3,203	...	3,220
Drugs and Chemicals—												
Cream of Tartar ... .. cwt.	...	...	...	...	...	...	(lbs.) 45	...	...	8	(lbs.) 45	8
Other ... ..	...	...	50	21	...	...	...	...	366	3,026	...	3,463
Earthenware and China, etc. ... ..	...	...	...	7	...	...	...	6	90	311	...	414
Eggs in shell ... .. doz.	...	...	...	...	1,300	...	...	55	...	...	1,300	55
Fancy Goods ... ..	...	...	22	5	...	...	...	1	523	99	...	650
Fish (all kinds) ... ..	...	...	7	35	...	...	...	...	...	240	...	282
Fruits—Dried—												
Currants ... .. lb.	52,270	...	1,798	...	39,312	...	...	1,230	...	...	91,582	3,028
Raisins ... ..	37,152	...	1,365	...	...	...	...	...	...	...	37,152	1,365
Other ... ..	48	...	3	...	...	...	...	...	...	...	48	3
Fruits and Vegetables (preserved in liquid) ... ..	...	...	289	...	...	...	...	...	...	...	...	289



No. 21.—Principal Exports, Overseas and Interstate, during the Six months ended 31st December, 1918—continued.

Articles	OVERSEAS.				INTERSTATE.						Total.	
	Quantity.		Value.		Quantity.			Value.				
	Australian Origin.	Overseas Origin.	Australian Origin.	Overseas Origin.	West Australian Origin.	Other Australian Origin.	Overseas Origin.	West Australian Origin.	Other Australian Origin.	Overseas Origin.	Quantity.	Value.
Fresh Fruits—			£	£				£	£	£		
Apples ... .. centsals	1,630	...	1,816	...	1,304	...	...	1,197	...	...	2,934	3,013
Citrus ... ..	248	...	288	...	321	...	...	313	...	...	569	601
Furniture ... ..	...	...	...	...	...	...	...	1,747	626	1,381	...	3,754
Glass and Glassware ... ..	...	...	...	...	...	...	...	364	528	432	...	1,324
Gold—Uncoined Bullion and Concentrates of ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Grain and Pulse—												
Beans and Peas ... .. centsals	...	...	...	...	...	55	...	...	81	...	55	81
Oats ... ..	554	...	288	...	2,688	...	...	1,149	...	...	3,242	1,437
Wheat ... ..	480,315	...	191,838	...	...	...	...	...	...	...	480,315	191,838
Other, unprepared ... ..	6	48	6	70	...	...	...	...	...	...	54	76
Bran, Pollard, and Sharps ... ..	986	...	220	...	5,000	...	...	1,000	...	...	5,986	1,220
Flour (wheaten) ... ..	1,013,168	...	632,898	...	...	...	...	...	...	...	1,013,168	632,898
Oatmeal ... .. lb.	25,656	...	568	...	...	...	744	...	...	38	26,400	606
Rice ... .. centsals	...	...	...	...	...	...	262	...	...	143	262	143
Other, prepared ... ..	378	...	141	...	...	10,792	269	...	6,478	66	11,439	6,685
Hats and Caps ... ..	...	...	9	...	...	...	...	...	341	25	...	375
Hay and Chaff ... .. cwt.	1,388	...	463	...	...	...	...	...	...	...	1,388	463
Honey ... .. lb.	7,953	...	140	...	...	...	...	...	...	...	7,953	140
Implements and Machinery—												
Agricultural ... ..	...	...	...	...	...	...	...	21	269	2,791	...	3,081
Instruments—Musical—												
Pianos ... .. No.	...	1	...	120	...	6	20	...	356	1,720	27	2,196
Other ... ..	...	...	...	...	...	...	...	75	...	1,071	...	1,146
Other than Musical ... ..	...	...	477	20	...	...	...	...	...	1,784	...	2,281
Iron and Steel—												
Bar, Rod, and Girders, etc ... .. cwt.	403	...	606	...	...	32	1,468	...	42	3,276	1,903	3,924
Galvanised, Plate and Sheet ... ..	...	1,066	...	2,074	...	...	271	...	...	813	1,337	2,887
Pig and Scrap ... ..	3,204	...	1,835	...	955	...	1,245	478	...	1,361	5,404	3,674
Jams and Jellies ... .. lb.	64,266	...	1,191	...	...	144	...	...	4	...	64,410	1,195
Jewellery ... ..	...	...	33,170	...	...	...	...	433	3,650	1,400	...	38,653
Jute Goods ... ..	...	...	...	2,700	...	...	...	...	169	19,213	...	22,082
Lamps, Lampware, Mantles ... ..	...	...	...	...	...	...	...	...	...	790	...	790
Lard, Lard Oil, and Refined Fats ... .. lb.	21,496	...	627	...	...	...	...	...	...	...	21,496	627
Lead—												
Pig and contained in matte ... .. cwt.	58,822	...	78,603	...	578	...	...	837	...	...	59,400	79,440
Leather ... ..	...	...	3,381	...	...	...	...	3,856	55	10	...	7,302
Leather Manufactures, N.E.I. ... ..	...	...	59	...	...	...	...	850	568	73	...	1,550
Lime Juice and other Fruit Juices ... .. gal.	184	...	58	...	...	...	...	...	...	...	184	58
Machines and Machinery ... ..	...	...	5,292	579	...	...	...	90	16,739	27,086	...	49,786
Manures—												
Ammonia Sulphate ... .. cwt.	240	...	240	...	...	...	...	...	...	...	240	240
Other ... ..	...	...	...	...	...	20	...	...	20	...	20	20
Matches and Vestas ... .. grs. bxs.	...	...	...	...	...	...	350	...	...	90	350	90



Meats—																			
Bacon and Ham	...	...	...	...	lb.	37,411	...	2,372	...	31,647	100	...	1,199	6	...	69,158	3,577		
Beef	...	...	...	...	"	...	...	...	...	192,122	...	...	2,571	...	...	192,122	2,571		
Mutton and Lamb	...	...	...	...	"	...	...	...	...	2,245	...	...	30	...	...	2,245	30		
Pork	...	...	...	...	"	...	...	...	...	39,421	13,373	...	828	641	...	52,794	1,469		
Other	...	...	...	...	"	...	...	...	...	3,599	...	...	43	...	...	3,599	43		
Preserved in tins	...	...	...	...	"	1,472	...	62	...	...	...	...	...	...	...	1,472	62		
Metals, Manufactures of																			
Milk and Cream	...	...	...	...	lb.	12,987	24,000	495	283	...	...	...	2,388	11,561	23,932	...	43,812		
Oilcake	...	...	...	...	centals	...	...	...	844	...	301,841	...	6,006	...	...	338,828	7,345		
Oils in Bulk—																			
Castor	...	...	...	...	gal.	...	...	...	...	...	120	900	...	60	450	1,020	510		
Essential	...	...	...	...	"	...	...	...	...	411	...	2	3,833	...	4	413	3,837		
Olive	...	...	...	...	"	...	...	...	...	48	96	100	81	159	171	244	411		
Cod, Seal, and Whale	...	...	...	...	"	...	...	...	...	18,521	702	...	3,339	100	...	19,223	3,439		
Other	...	...	...	...	"	...	...	310	...	...	...	...	...	...	521	...	521		
Oilmen's Stores	...	...	...	...	"	...	...	82	5	...	...	...	96	...	186	...	369		
Onions	...	...	...	...	cwt.	224	...	100	...	...	...	...	...	...	...	224	100		
Ores—																			
Copper	...	...	...	...	cwt.	...	...	...	...	14,827	...	...	9,828	...	...	14,827	9,828		
Pyrites	...	...	...	...	"	...	...	...	...	221	...	...	205	...	...	221	205		
Scheelite	...	...	...	...	"	...	...	...	...	49	...	...	386	...	...	49	386		
Silver Lead	...	...	...	...	"	...	...	...	...	1,360	...	...	750	...	...	1,360	750		
Tin	...	...	...	...	"	...	...	...	...	4,178	...	...	39,845	...	...	4,178	39,845		
Wolfram	...	...	...	...	"	...	...	...	...	5	...	...	24	...	...	5	24		
N.E.I.	...	...	...	...	"	...	...	...	...	1,794	...	...	825	...	...	1,794	825		
Paints and Colours	...	...	...	...	"	...	...	3	117	...	...	...	...	67	246	...	433		
Paper (all other)	...	...	...	...	"	...	...	510	121	...	...	...	...	17	334	...	982		
Pearlshell	...	...	...	...	cwt.	1,351	...	10,971	...	177	...	...	935	...	...	1,528	11,906		
Perfumery	...	...	...	...	"	...	...	...	...	...	...	...	...	...	433	...	433		
Personal and Household Effects	...	...	...	...	"	...	...	15	32	...	...	...	7,217	2,479	202	...	9,945		
Photo. Goods and Material	...	...	...	...	"	...	...	...	...	...	...	...	...	...	5	...	5		
Pickles and Sauces	...	...	...	...	"	...	...	...	...	37	...	...	...	...	...	...	37		
Pictures	...	...	...	...	"	...	...	10	...	...	...	...	64	10	...	...	84		
Plants, Trees, and Bulbs	...	...	...	...	"	...	...	16	...	...	...	...	16	...	...	...	32		
Potatoes	...	...	...	...	cwt.	...	...	...	...	2	...	...	1	...	...	2	1		
Quicksilver	...	...	...	...	lb.	...	...	...	...	...	...	390	...	...	153	390	153		
Railway Material	...	...	...	...	"	...	...	...	...	...	...	...	...	...	396	...	396		
Rubber Goods	...	...	...	...	"	...	...	216	34	...	...	...	...	590	727	...	1,567		
Salt—																			
Rock	...	...	...	...	cwt.	...	...	...	...	...	...	544	...	...	436	544	436		
N.E.I.	...	...	...	...	"	10	...	3	...	...	...	...	...	...	...	10	3		
Sandalwood	...	...	...	...	"	134,672	...	83,093	...	6,500	...	...	5,939	...	...	141,172	89,032		
Sausage Casings	...	...	...	...	"	...	...	...	...	...	...	...	1,050	...	...	...	1,050		
Silver—Bar, Ingots, etc.	...	...	...	...	"	...	...	...	...	33,818	...	...	7,345	...	...	33,818	7,345		
Skins—																			
Hides	...	...	...	...	No.	...	...	...	...	10,174	...	...	16,670	...	...	10,174	16,670		
Rabbit	...	...	...	...	lb.	...	...	...	...	5,031	...	...	248	...	...	5,031	248		
Sheep	...	...	...	...	"	1,171,256	...	55,894	...	750,992	...	...	33,298	...	...	1,922,248	89,192		
Other	...	...	...	...	"	...	...	8	...	...	...	...	15,108	...	...	...	15,116		
Soap	...	...	...	...	lb.	52,719	...	887	...	31,944	3,216	840	419	42	42	88,719	1,390		
Spirits—																			
Brandy	...	...	...	...	gal.	...	...	...	...	...	...	20	...	...	52	20	52		
Gin	...	...	...	...	"	...	15	...	13	...	...	...	...	...	...	15	13		
Rum	...	...	...	...	"	...	30	...	26	...	...	...	...	...	...	30	26		
Whisky	...	...	...	...	"	...	...	...	...	...	...	3,216	...	...	4,220	3,216	4,220		
Other	...	...	...	...	"	10	...	10	...	...	...	...	...	...	...	10	10		
Starch	...	...	...	...	"	...	...	...	...	1,592	...	...	...	39	...	1,592	39		
Stationery	...	...	...	...	"	...	...	34	57	...	...	...	30	152	298	...	571		

No. 21.—Principal Exports, Overseas and Interstate, during the Six months ended 31st December, 1918.—continued.

Article.	OVERSEAS.				INTERSTATE.						Total.	
	Quantity.		Value.		Quantity.			Value.				
	Australian Origin.	Overseas Origin.	Australian Origin.	Overseas Origin.	West Aus- tralian Origin.	Other Australian Origin.	Overseas Origin.	West Australian Origin.	Other Australian Origin.	Overseas Origin.	Quantity.	Value.
Stone	...	...	£	£	...	...	...	£	£	£	...	£
Sugar	...	...	...	...	...	300	...	...	315	79	...	79
Tallow	...	...	...	...	2,679	...	...	4,774	...	...	300	315
Tea	...	...	...	...	...	...	82,311	...	...	2,621	82,311	4,774
Timber	...	...	25,671	...	...	...	...	133,314	...	...	...	2,621
Tinned Plates and Sheet	...	...	...	...	...	...	...	...	...	14,387	...	158,985
Tobacco, manufactured	...	...	...	...	...	6	52	...	2	24	58	26
Cigarettes	...	...	...	...	...	...	25	...	...	10	25	10
Tools of Trade	...	...	...	...	...	...	...	35	30	679	...	744
Vehicles—	...	...	...	...	...	...	...	...	...	...	...	...
Bicycles, etc.	...	...	...	...	...	...	...	...	255	118	...	373
Vehicles and Parts	...	...	47	12	...	...	...	200	257	8,287	...	8,805
Vinegar	...	155	26	...	...	...	...	...	...	...	155	26
Wax—	...	...	...	...	...	...	...	...	...	...	...	...
Beeswax	...	...	...	...	625	...	...	49	...	...	625	49
Wicker, Cane, and Bamboo—Manufactures of	...	...	...	...	...	...	...	...	...	5	...	5
Wine—	...	...	...	...	...	...	...	...	...	...	...	...
Sparkling	...	...	80	147	...	...	47	...	...	187	127	334
Other	...	3,402	1,642	...	9,021	442	56	1,461	80	15	12,921	3,198
Wood—All articles made of	...	...	10	...	...	...	...	85	5,323	1,289	...	6,707
Wool—	...	...	...	...	...	...	...	...	...	...	...	...
Greasy	...	15,175,020	1,087,330	...	1,157,749	...	...	45,766	...	...	16,332,769	1,133,096
Scoured	...	191,948	20,241	...	...	...	...	...	...	...	191,948	20,241
Zinc—	...	...	...	...	...	...	...	...	...	...	...	...
Circles and Ingots	...	...	...	...	206	...	...	454	...	...	206	454
Shavings	...	...	...	...	60	...	...	310	...	...	60	310
Sheets	...	3,300	9,899	...	...	...	...	...	...	...	3,300	9,899
All other Articles	...	...	1,944	79	...	...	...	24,246	4,389	5,954	...	36,412
Total	...	...	2,304,844	8,108	...	...	...	439,137	84,434	167,942	...	3,004,465
			2,312,952					691,513				

## No. 22.—Exports, being Ships' Stores during the Six Months ended 31st December, 1918.

Articles.	OVERSEA.				INTERSTATE.				Total.	
	Quantity.		Value.		Quantity.		Value.		Quantity	Value.
	Aus- tralian Pro- duce.	Over- sea Pro- duce.	Aus- tralian Pro- duce.	Over- sea Pro- duce.	Aus- tralian Pro- duce.	Over- sea Pro- duce.	Aus- tralian Pro- duce.	Over- sea Pro- duce.		
Ale, Beer, Porter, etc. ... gal.	728	...	£ 179	£ ...	36	...	£ 7	£ ...	764	£ 186
Apparel ... ..	...	...	...	4	...	...	2	...	...	6
Biscuits ... .. lb.	36,738	...	1,229	...	189	...	5	...	36,927	1,234
Brushware ... ..	...	...	30	...	...	...	...	...	...	30
Butter ... .. lb.	14,100	...	1,136	...	1,455	...	111	...	15,555	1,247
Cheese ... ..	4,137	63	222	3	110	...	6	...	4,310	231
Coal (Bunker) ... .. ton	41,003	363	74,399	544	...	...	...	...	41,366	74,943
Coffee, Cocoa, Chocolate ...	520	4,083	33	236	10	...	2	...	4,613	271
Cordage and Twine ... ..	...	...	1,576	58	...	...	...	...	...	1,634
Fish—Fresh ... .. lb.	23,683	...	613	...	4,794	...	116	...	28,477	729
Fish—Preserved ... ..	3,324	5,310	228	296	...	242	...	12	8,876	536
Fruits—Preserved ... ..	5,868	21	228	1	36	35	2	2	5,960	233
Fruits—Fresh ... .. cntl.	103,498	...	1,349	...	188	...	227	...	103,686	1,576
Fruits and Vegetables in liquid, etc.) ... ..	...	...	106	1	...	...	21	...	...	128
Vegetables, Dried or Concentrated ... ..	...	...	44	7	...	...	...	...	...	51
Vegetables, Fresh ... ..	...	...	1,131	...	...	...	329	...	...	1,460
Grain and Pulse—										
Beans and Peas ... .. cntl.	81	27	166	27	...	...	...	...	108	193
Wheat ... ..	13	...	6	...	1	...	1	...	14	7
Barley, Pearl and Scotch lb.	1,806	1,043	27	17	...	...	...	...	2,849	44
Bran, etc. ... .. cntl.	15	...	5	...	...	...	...	...	15	5
Flour, wheaten ... ..	3,301	...	1,931	...	164	...	99	...	3,465	2,030
Rice ... ..	...	43	...	52	1	1	1	1	45	54
Hay and Chaff ... .. cwt.	108	...	41	...	...	...	...	...	108	41
Jams and Jellies ... ..	10,976	...	269	...	642	...	14	...	11,618	283
Meats—										
Bacon and Hams, etc. lb.	10,299	...	585	...	607	...	35	...	10,906	620
Fresh and Smoked ... ..	252,955	...	6,091	...	155,519	...	3,278	...	408,474	9,369
Frozen (other than Rab- bits and Hares) ... ..	83,275	...	1,848	...	148	...	9	...	83,423	1,857
Rabbits and Hares ... ..	304	...	34	...	...	...	...	...	304	34
Potted and Concen- trated ... ..	...	...	40	11	...	...	...	...	...	51
Preserved in tins ... ..	14,172	135	985	10	16	...	2	...	14,307	997
Other (including Salted) ...	...	...	587	...	...	...	283	...	...	870
Milk (preserved) ... ..	11,536	...	415	...	279	...	8	...	11,815	423
Oils ... .. gal.	1,238	1,926	391	586	...	24	...	3	3,188	980
Onions ... .. cwt.	233	...	239	...	46	...	36	...	279	275
Paints and Colours ... ..	46	65	178	263	...	...	...	...	111	441
Potatoes ... .. cwt.	2,374	...	1,114	...	189	...	100	...	2,563	1,214
Salt ... ..	67	...	42	...	1	...	1	...	68	43
Soap ... ..	4,722	...	96	...	336	...	6	...	5,058	102
Spirits ... ..	50	130	65	219	...	...	...	...	180	284
Sugar ... .. cwt.	176	...	306	...	34	...	56	...	210	362
Tea ... .. lb.	...	2,724	...	178	...	200	...	12	2,924	190
Tobacco ... ..	30	347	5	57	...	...	...	...	377	62
Cigars ... ..	...	...	...	...	...	...	...	...	...	...
Cigarettes ... ..	200	24	88	13	...	...	...	...	224	101
Wine—Sparkling ... .. gal.	...	16	...	42	...	...	...	...	16	42
Wine—Still ... ..	4,137	...	1,075	...	...	...	...	...	4,137	1,075
All other Articles ... ..	...	...	4,663	485	...	...	401	14	...	5,563
Total ... ..	...	...	103,795	3,110	...	...	5,158	44	...	112,107
			106,905				5,202			

No. 23.—Principal Imports, Oversea and Interstate, during the Half-Year ended  
31st December, 1918.

Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.		
Aerated and Mineral Waters ... ..	...	£ 27	...	...	£ 282	£	...	£ 309
Ale and Beer, in bottles ... gal.	18,502	7,130	27,924	...	7,180	...	46,426	14,310
Ale and Beer, in bulk ... "	...	...	5,608	...	556	...	5,608	556
Animals, Living—								
Horses ... ..	...	...	225	...	13,467	...	225	13,467
Cattle ... ..	No.	...	22	...	1,260	...	22	1,260
Sheep ... ..	4	7	2,147	5	25,580	75	2,156	23,662
Pigs ... ..	...	...	5	...	100	...	5	100
Other ... ..	...	1,099	...	...	1,286	...	...	2,385
Apparel and Soft Goods ... ..	...	439,602	...	...	321,286	141,188	...	902,076
Arms, Ammunition, and Explosives ... ..	...	78,262	...	...	37,353	1,069	...	116,684
Bags, Baskets, Boxes ... ..	...	1,948	...	...	5,178	824	...	7,950
Bark, Tanning ... ..	cwt.	...	524	...	527	...	524	327
Belting, all kinds ... ..	...	9,083	...	...	4,215	4,329	...	17,627
Biscuits ... ..	lb.	1,880	309,996	...	13,144	...	311,876	13,200
Blacking, including Dressings ... ..	...	79	...	...	10,127	847	...	11,053
Blue, Laundry ... ..	lb.	...	46,224	30	2,519	11	46,254	2,530
Boats, Launches, and Yachts ... ..	...	11	...	...	35	...	...	46
Books, Music, Periodicals ... ..	...	15,100	...	...	5,709	5,288	...	26,097
Boots and Shoes ... ..	...	3,496	...	...	136,858	1,488	...	141,842
Brushware ... ..	...	2,532	...	...	6,422	984	...	9,935
Butter ... ..	lb.	2,497	2,414,256	...	186,276	...	2,416,753	186,454
Butter, Substitutes for ... ..	...	1,630	196,595	...	6,179	...	198,225	6,229
Candles ... ..	...	22	38,904	...	1,544	...	38,926	1,545
Cement ... ..	cwt.	...	46,086	1,988	10,131	727	48,074	10,855
Cheese ... ..	lb.	477	596,739	...	29,854	...	597,216	29,878
Clocks and Watches ... ..	...	3,177	...	...	...	226	...	3,403
Coal ... ..	tons	...	10,404	...	8,498	...	10,404	8,498
Cocoa and Chocolate ... ..	lb.	75,290	2,787	16,914	6,758	2,045	173,792	11,590
Coffee and Chicory ... ..	...	152,951	3,652	52,817	3,018	105	207,641	9,775
Coke ... ..	tons	...	2,829	...	5,699	...	2,829	5,699
Confectionery ... ..	lb.	346	829,805	3,695	47,552	233	833,846	47,818
Copper, Bar, Rod, etc. ... ..	cwt.	55	31	2	510	28	88	1,102
Copper Ingots ... ..	...	...	40	...	258	...	40	258
Cordage and Twines ... ..	...	23,291	...	...	22,532	17,043	...	62,866
Drugs and Chemicals—								
Acid, Tartaric ... ..	cwt.	62	1,205	123	...	3,154	185	4,359
Cream of Tartar ... ..	...	572	9,781	110	...	1,800	682	11,590
Other ... ..	...	69,660	...	...	39,687	15,646	...	124,993
Earthenware and China ... ..	...	11,710	...	...	5,497	11,308	...	28,515
Eggs in shell ... ..	doz.	939	60	10,308	737	...	11,247	797
Eggs in pulp ... ..	...	...	14	...	1	...	14	1
Fancy Goods ... ..	...	6,396	...	...	18,927	9,335	...	34,658
Fish (all kinds) ... ..	...	6,161	...	...	3,186	4,630	...	13,977
Fruits, Dried—								
Currants ... ..	lb.	143	3	206,780	6,601	...	206,923	6,604
Raisins ... ..	...	853	19	249,681	9,378	...	270,534	9,397
Dates ... ..	...	...	1,800	10,248	55	393	12,048	448
Other ... ..	...	1,927	71	82,308	3,657	278	90,347	4,066
Fruits and Vegetables in liquid ... ..	...	1,462	...	...	5,209	139	...	6,810
Fruits, Fresh—								
Bananas ... ..	cntls	9,142	7,423	661	735	...	9,803	8,158
Citrus ... ..	...	11	17	...	...	...	11	17
Other ... ..	...	15	19	17	21	...	32	40
Furniture ... ..	...	373	...	...	12,486	1,880	...	14,739
Glass and Glassware ... ..	...	5,196	...	...	14,577	6,090	...	25,863
Grain and Pulse—								
Barley ... ..	cntls.	1	2	1,126	612	...	1,127	614
Beans and Peas ... ..	...	520	989	373	548	337	1,052	1,874
Maize ... ..	...	...	1,832	...	1,137	...	1,832	1,137
Other, unprepared ... ..	...	317	464	...	...	...	317	464
Flour (Wheat) ... ..	...	172	110	16	26	...	188	136
Malt ... ..	...	...	16,537	...	15,639	...	16,537	15,639
Oatmeal, etc. ... ..	lb.	2,015	46	637,695	8,412	223	644,510	8,681
Rice ... ..	cntls.	4,885	4,409	3,983	4,583	...	8,868	8,992
Other, prepared ... ..	...	141	50	4,189	5,737	198	4,454	5,985
Hats and Caps ... ..	...	2,851	...	...	32,031	1,461	...	36,433
Hay and Chaff ... ..	cwt.	...	610	...	224	...	610	224
Honey ... ..	lb.	...	17,983	...	638	...	17,983	638
Hops ... ..	...	...	85,021	...	6,058	...	85,021	6,058
Implements and Machinery, Agricultural, Horticultural, and Viticultural ... ..	...	12,064	...	...	21,062	8,734	...	41,860
Instruments, Musical—								
Pianos ... ..	...	88	2,864	98	6,346	361	192	9,571
Other ... ..	...	...	336	...	161	131	...	628
Instruments other than Musical ... ..	...	4,540	...	...	2,263	4,131	...	10,934
Iron and Steel—								
Bar, Rod, Blooms, Slabs, etc. cwt.	...	4,648	7,578	15,571	2,857	24,264	7,637	23,076
Galvanised, Plate and Sheet, including Corrugated not Galvanised ... ..	...	3,827	10,394	...	731	2,391	4,558	12,785
Pig and Scrap ... ..	...	74	20	4,060	...	1,980	4,134	2,000

**No. 23.—Principal Imports, Oversea and Interstate, during the Half-Year ended  
31st December, 1918—continued.**

Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.		
Jams and Jellies ... .. lb.	2,527	£ 107	1,183,639	...	£ 23,225	£ ...	1,186,166	£ 23,332
Jewellery ... ..	...	979	...	...	14,109	10	...	15,098
Jute Goods, including Bags and Sacks ... ..	...	251,484	...	...	3,100	11,010	...	265,594
Lamps, Lampware, Mantles ... ..	...	2,608	...	...	2,821	3,246	...	8,675
Lard, Lard Oil, and Refined Fats ... .. lb.	7,512	339	94,390	2,240	3,793	85	104,142	4,217
Lead, Pig, and contained in Matte ... .. cwt.	...	...	80	...	135	...	80	135
Lead, Sheet and Pipe ... ..	5	10	536	...	1,062	...	541	1,072
Leather ... ..	...	272	...	...	26,125	1,624	...	28,021
Leather, Manufactures, N.E.I. £ ... ..	...	738	...	...	7,215	1,268	...	9,221
Limejuice and other Fruit Juices ... .. gal.	1,123	255	7,864	...	2,556	...	8,987	2,811
Linseed ... .. cntls.	162	155	98	58	115	81	318	351
Machines and Machinery (except Agricultural, see "Implementments") ... ..	...	32,553	...	...	35,249	30,649	...	98,451
Manures—	...	...	...	...	...	...	...	...
Ammonia Sulphate ... .. cwt.	...	...	5,191	...	5,778	...	5,191	5,778
Bonedust ... ..	...	...	4,740	...	2,115	...	4,740	2,115
Rock Phosphate ... ..	115,400	28,562	...	...	...	...	115,400	28,562
Soda Nitrate ... ..	77,160	19,098	...	...	...	...	77,160	19,098
Other, N.E.I. ... ..	...	...	12,612	...	7,500	...	12,612	7,500
Matches, Vestas ... .. gross boxes	39,799	8,805	51,819	19,150	13,849	4,967	110,768	27,621
Meats—	...	...	...	...	...	...	...	...
Bacon and Hams ... .. lb.	874	50	825,830	...	45,566	...	826,704	45,616
Preserved by cold process—	...	...	...	...	...	...	...	...
Beef ... ..	18,452	500	...	...	...	...	18,452	500
Game ... ..	88	4	...	...	...	...	88	4
Poultry ... ..	392	22	560	...	28	...	952	50
Rabbits and Hares ... ..	...	...	2,460	...	37	...	2,460	37
Other ... ..	2,832	207	...	...	...	...	2,832	207
Preserved, in tins ... ..	7,699	339	94,876	300	5,992	32	102,875	6,363
Pork, Salt and Meats, N.E.I. cwt.	2	6	106	...	356	...	108	362
Metals, Manufactures of ... ..	...	65,004	...	...	61,368	26,947	...	153,319
Milk and Cream Preserved ... lb.	3,266	99	2,044,441	...	70,730	...	2,047,707	70,829
Mustard ... ..	5,771	505	1,962	342	174	57	8,075	736
Oil Cake, including Linseed Cake ... .. cntls.	3,244	1,213	1,177	...	605	...	4,421	1,818
Oils in vessels up to 1 gallon ...	...	173	...	...	1,353	...	...	1,526
Oils, Bulk—	...	...	...	...	...	...	...	...
Castor ... .. gal.	4,411	1,103	721	1,200	410	531	6,332	2,044
Cocoonut ... ..	...	...	4,947	...	1,737	...	4,947	1,737
Cotton Seed ... ..	973	240	...	899	...	606	1,872	846
Essential ... ..	...	912	...	...	1,142	461	...	2,515
Kerosene ... .. gal.	991,029	47,063	...	432	...	72	991,461	47,135
Olive ... ..	259	243	368	...	180	...	627	423
All other ... ..	...	54,350	...	...	7,088	39,585	...	101,023
Oilmen's Stores ... ..	...	1,673	...	...	18,366	1,743	...	21,782
Onions ... .. cwt.	28	20	8,481	...	9,497	...	8,509	9,517
Ores—N.E.I. ... ..	...	...	152	...	101	...	152	101
Paints and Colours, Varnishes ...	...	4,771	...	...	15,024	1,513	...	21,308
Paper—	...	...	...	...	...	...	...	...
Printing ... ..	...	20,708	...	...	2,296	17,527	...	40,531
All other ... ..	...	15,267	...	...	8,875	9,810	...	33,952
Perfumery ... ..	...	5,449	...	...	5,097	1,128	...	11,674
Personal and Household Effects ...	...	557	...	...	6,169	558	...	7,284
Photographic Goods and Materials ... ..	...	2,062	...	...	2,214	4,009	...	8,285
Pickles and Sauces ... ..	...	6,248	...	...	9,920	73	...	16,241
Pictures ... ..	...	190	...	...	177	...	...	367
Pipes (smoking), Cigar and Cigarette Holders, etc. ... ..	...	4,299	...	...	...	220	...	4,519
Pitch, Tar, and Bitumen ... .. cwt.	125	80	6,085	30	2,752	58	6,240	2,890
Plants, Trees, Bulbs, etc. ... ..	...	130	...	...	2,089	...	...	2,089
Potatoes ... .. cwt.	272	...	74,979	...	24,170	...	75,251	24,300
Quicksilver ... .. lb.	4,125	1,154	...	1,073	...	450	5,198	1,604
Railway Material, viz., rails, etc. ...	...	...	...	...	3,425	...	...	3,425
Rubber Goods ... ..	...	...	...	...	24,517	4,304	...	28,821
Salt, Rock ... .. cwt.	...	13,344	...	...	5,501	...	...	13,344
Salt, N.E.I. ... ..	233	66	25,400	...	746	1,425	25,633	5,567
Sausage Casings ... ..	...	1,614	...	...	...	...	1,500	3,785
Skins—Hides ... .. No.	...	...	1,500	...	2,476	...	...	2,476
Skins—Sheep ... .. lb.	7,840	308	...	...	...	...	7,840	368
Soap ... .. lb.	3,009	314	506,656	12,641	20,857	611	522,306	21,78
Spirits—	...	...	...	...	...	...	...	...
Brandy ... .. gal.	543	745	1,156	91	1,658	91	1,790	2,494
Gin (including Schnapps, etc.) ...	6,978	6,166	30	1,015	36	1,130	8,023	7,332
Rum ... ..	150	139	254	...	220	...	404	359
Whisky ... ..	40,620	51,019	3,052	4,224	3,678	5,691	47,896	60,388
Other ... ..	...	5,591	...	...	4,038	234	...	9,863



No. 23.—Principal Imports, Oversea and Interstate, during the half Year ended  
31st Dec., 1918—continued.

Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Aus- tralian Origin.	Oversea Origin.		
Starch ... .. lb.	...	£	161,861	...	£	£	161,861	£
Stationery, Manufactured ... ..	...	6,447	...	...	4,005	...	...	4,005
Stearine ... .. lb.	...	...	244,807	...	19,467	3,899	...	29,813
Stone (including Marble and Slate) ... ..	...	...	...	...	8,598	...	244,807	8,598
Sugar (Cane) ... .. cwt.	87	1,326	...	...	2,254	452	...	4,032
Tea ... .. lb.	1,008,384	44,804	116,442	...	165,167	...	116,529	165,285
Timber ... ..	...	12,796	...	817,294	...	59,598	11825,678	104,402
Tin, Ingots ... .. cwt.	...	...	301	...	19,190	7,826	...	39,812
Tinned Plates and Sheet (plain) ..	6,053	11,253	54	...	5,717	...	501	5,717
Tobacco, manufactured ... .. lb.	3,992	669	417,373	5,609	164	1,292	6,107	11,417
Tobacco, unmanufactured ... ..	1,355	231	...	...	124,997	1,292	426,974	126,958
Tobacco, Cigars ... ..	2,457	1,963	8,327	513	...	801	11,497	9,968
Tobacco, Cigarettes ... ..	5,846	2,679	118,401	394	51,854	124	124,641	54,657
Tobacco, Snuff ... ..	110	19	53	...	18	...	163	37
Tools of Trade ... ..	...	10,841	...	...	515	1,042	...	12,398
Turpentine ... .. gal.	12,810	1,986	330	400	98	59	13,540	2,143
Umbrellas, Parasols, etc. ... ..	...	34	...	...	1,748	324	...	2,106
Vehicles— Bicycles, etc. ... ..	...	3 110	...	...	18 409	2,580	...	24,099
Other and Parts ... ..	...	32,126	...	...	17,424	12,843	...	62,393
Vessels ... .. No.	...	...	...	...	...	...	...	...
Vinegar ... .. gal.	402	67	23,480	...	1,604	...	23,882	1,671
Wax— Paraffin ... ..	130,359	3,330	...	11,200	...	397	141,559	3,727
Other ... ..	84	13	239	224	9	16	547	38
Wicker, Cane, Bamboo—Manu- factures of ... ..	...	1,091	...	...	141	34	...	1,266
Wine, Fermented— Sparkling ... .. gal.	650	1,310	986	166	1,054	437	1,802	2,801
Other ... ..	1,580	560	56,411	173	21,315	137	58,164	22,012
Wood—All articles made of ... ..	...	1,267	...	...	7,570	3,753	...	10,527
Zinc Ingots ... ..	...	...	...	...	985	...	...	985
All other Articles ... ..	...	131,227	...	...	136,358	31,731	...	299,316
Total Imports* ... ..	...	1,687,641	...	...	2,307,382	553,927	...	...
					2,861,309			£4,548,950

\* These figures are liable to revision.

No. 24.—Value of Imports and Exports, Oversea and Interstate, of the Ports of Western Australia  
during the undermentioned periods.

Ports, etc.	Year ended 30th June, 1918.		Half Year ended 31st Dec., 1918.				
	Value of Trade.		Value of Imports.			Value of Exports.*	
	Imports.	Exports.	Oversea.	Interstate.	Total.	Oversea.	Interstate.
	£	£	£	£	£	£	£
Fremantle ... ..	4,796,466	2,646,623	1,103,479	1,722,783	2,826,262	2,165,231	461,220
Perth ... ..	2,510,578	103,225	551,575	1,023,711	1,575,286	...	53,817
Albany ... ..	128,648	200,901	5,320	55,461	60,781	142,024	34,923
Geraldton ... ..	28,300	132,416	4,494	10,654	15,148	2,192	8,792
Bunbury ... ..	77,227	255,495	4,026	6,898	10,924	62,761	126,184
Broome ... ..	40,709	175,537	14,123	1,244	15,367	44,423	...
Roebourne ... ..	2,442	4,240	1,097	...	1,097	2,088	...
Busselton ... ..	...	...	...	...	...	...	...
Carnarvon ... ..	6,349	1,137	1,984	1,143	3,127	...	...
Port Hedland ... ..	1,403	6,906	676	...	676	...	...
Derby ... ..	396	2,569	61	94	155	1,138	145
Onslow ... ..	156	983	806	...	806	...	750
Esperance* ... ..	397	...	...	323	323	...	...
Hopetoun ... ..	1,178	...	...	902	902	...	...
Eucla* ... ..	...	3,720	...	...	...	...	...
Shark Bay ... ..	...	...	...	...	...	...	...
Wyndham ... ..	5,109	73,348	...	73	73	...	...
Balla Balla ... ..	...	...	...	...	...	...	...
Overland ... ..	18,325	233	...	38,023	38,023	...	10,884
Total ... ..	7,617,683	3,607,335	1,687,641	2,861,309	4,548,950	2,419,857	696,715

\* Including Ships' Stores.



## VII.—GOLD MINING STATISTICS.

No. 25.—Annual Gold Production of Western Australia from 1886, comprising Raw Gold entered for Export, plus Raw Gold received at the Perth Branch of the Royal Mint (from May, 1899) ; also amounts of Dividends paid.

Period.	Quantity of Raw Gold.	Value.	Dividends paid.
	Fine ounces.	£	£
Prior to 1913 .. .. .	25,731,125	109,298,872	22,992,351
1913 .. .. .	1,314,043	5,581,701	910,326
1914 .. .. .	1,232,977	5,237,353	799,392
1915 .. .. .	1,210,112	5,140,228	*792,317
1916 .. .. .	1,061,398	4,508,532	632,883
1917 .. .. .	970,317	4,121,645	590,856
1886 to 31st December, 1917 .. ..	31,519,972	133,888,331	26,718,125†
Nine months ended 30th September, 1918 ...	668,864	2,841,150	279,102‡
October, 1918 ... .. .	71,439	303,453	19,284
November, 1918 ... .. .	72,156	306,499	2,142
December, 1918 ... .. .	64,053	272,081	67,767
Total, 1918 ... .. .	876,512	3,723,183	368,295
1886 to 31st December, 1918 ... ..	32,396,483	137,611,514	27,086,420

\* In addition, the "Sand Queen Gold Mine, Ltd.," made a distribution of scrip to the value of £4,500. † Corrected from preceding issue. ‡ Including an additional amount of £37,500 for June, not previously published.

No. 26.—Monthly Gold Production of Western Australia, including Export of Gold plus Gold received at the Perth Branch of the Royal Mint, from 1909.

Month.	1909.	1914.	1915.	1916.	1917.	1918.
	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.
January ... .. .	132,287	112,023	98,758	93,985	85,718	74,391
February ... .. .	123,117	103,305	104,268	67,970	83,704	77,803
March ... .. .	126,993	92,619	93,764	93,993	76,599	72,299
April ... .. .	137,764	99,007	102,609	90,528	82,143	66,486
May ... .. .	129,409	106,207	103,670	83,878	79,435	77,525
June ... .. .	132,501	101,015	101,309	94,682	82,869	75,482
July ... .. .	133,118	96,599	99,414	92,637	81,550	73,593
August ... .. .	136,618	102,447	101,021	91,735	81,071	76,263
September ... .. .	144,918	105,113	102,852	89,871	81,761	75,022
October ... .. .	131,299	101,394	102,584	83,691	73,901	71,439
November ... .. .	133,164	110,500	100,003	88,338	80,641	72,156
December ... .. .	134,081	102,748	99,860	90,090	80,925	64,053
Total ... .. .	1,595,269	1,232,977	1,210,112	1,061,398	970,317	876,512

## VIII.—LIVE STOCK.

No. 27.—Number of Live Stock in Western Australia on the 31st December, 1908 to 1917.

Year.	Horses.	Cattle.	Sheep.	Pigs.	Goats.	Camels.	Mules and Donkeys.
1908 .. .. .	116,795	741,788	4,097,324	46,652	29,515	3,454	1,683
1913 .. .. .	156,636	834,265	4,421,375	47,966	27,463	4,284	3,366
1914 .. .. .	161,625	863,835	4,456,186	59,816	25,718	4,793	4,109
1915 .. .. .	163,006	821,043	4,803,850	58,231	26,991	4,938	4,634
1916 .. .. .	169,730	863,930	5,529,960	90,756	31,337	5,265	5,445
1917 .. .. .	178,151	957,086	6,384,191	111,844	33,786	5,791	5,783

## IX.—LAND SETTLEMENT.

No. 28.—Land Settlement as on the 30th June, 1918.

Particulars.	Area.	Area.
	acres.	acres.
I.—ABSOLUTELY ALIENATED :—		
Area sold by public auction or other forms of direct sale or otherwise alienated up to 30th June, 1918 .. .. .	..	8,462,085
II.—IN PROCESS OF ALIENATION ON THE 30TH JUNE, 1918 :—		
Midland Railway Concessions in process of alienation ..	54,800	
Free Homestead Farms .. .. .	1,288,866	
Conditional Purchases .. .. .	7,504,457	
Selections from late W.A. Land Company .. .. .	2,290	
Selections under the Agricultural Lands Purchase Act ..	247,196	
Special Occupation Leases and Licenses .. .. .	1,398	
Homestead or Grazing Leases .. .. .	3,962,833	
Poison Land Leases and Licenses .. .. .	43,275	
Village Allotments .. .. .	31	
Working Men's Blocks .. .. .	482	
		13,105,628
Total area alienated or in process of alienation on the 30th June, 1918 .. .. .	..	21,567,713
III.—LEASES OR LICENSES IN FORCE ON 30TH JUNE, 1918 :—		
Issued by Lands Department—		
Pastoral Leases .. .. .	204,820,869	
Special Leases .. .. .	38,285	
Leases of Reserves .. .. .	1,629,115	
Residential Lots .. .. .	269	
Issued by Mines Department—		
Gold Mining Leases .. .. .	12,060	
Mineral Leases * .. .. .	38,210	
Miners' Homestead Leases .. .. .	39,785	
Timber Leases and Licenses .. .. .	625,300	
Timber Permits .. .. .	845,117	
		208,049,010
IV.—AREA NEITHER ALIENATED, IN PROCESS OF ALIENATION, NOR LEASED .. .. .	..	394,972,077
Total Area of Western Australia .. .. .	..	624,588,800

\* Inclusive of 68 acres on "Private Property."

No. 29.—Principal Crown Lands Transactions.—Area of Crown Lands for which Applications have been approved by the Lands Department from 1908.

Period.	Conditional Alienation.						Leases and Licenses.				
	Condi- tional Pur- chases.	Free Home- stead Farms.	Grazing Leases.	Selec- tions. Land Purchase Act.	Town Lots.	Total.	Pastoral Leases and Licenses.	Special Leases.	Timber Permits.	Miscel- laneous Leases.	Total.
1908 ...	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1908 ...	946,897	266,522	622,101	6,746	152	1,842,418	14,116,928	15,678	33,300	36,603	14,202,509
1913 ...	515,877	131,541	497,748	8,826	5	1,153,997	10,695,831	2,080,663	5,040	3,399	12,784,933
1914 ...	313,851	84,420	364,704	4,990	...	767,965	9,167,495	115,879	37,100	3,717	9,324,191
1915 ...	148,570	44,936	170,594	1,557	...	365,657	5,829,005	470,688	225,738	3,369	6,528,800
1916 ...	80,546	27,077	163,213	96	5	270,937	12,895,339	134,288	303,350	948	13,333,925
1917 ...	120,888	17,855	226,868	79	626	366,316	11,852,859	152,112	...	276	12,005,247
1918.											
9 mths.	118,996	16,670	258,540	15,397	597	410,200	17,786,911	37,849	...	335	17,825,095
Oct. ...	11,522	2,644	50,736	...	85	64,987	4,228,021	87,486	...	4	4,315,511
Nov. ...	14,148	2,384	23,152	406	33	40,123	2,507,990	4,087	...	132	2,512,209
Dec. ...	10,370	1,760	26,512	4,367	71	43,080	356,070	6,414	...	24	362,508
1918	155,036	23,458	358,940	20,170	786	558,390	24,878,992	135,836	...	495	25,015,323

## X.—AGRICULTURE.

No. 30.—Cropping, Clearing, etc., 1908–1909 to 1917–1918.

Season ended last day of February.	Land Cropped, Cleared, etc.						Total.
	Under Crop.	Under artificially-sown grasses.	Newly cleared and prepared for next crops.	In fallow.	Other, previously cropped, now used for grazing, etc.	Ringbarked or partially cleared.	
1909 ... ..	acres. 585,399	acres. 10,265	acres. 174,442	acres. 175,148	acres. 310,860	acres. 2,876,662	acres. 4,132,716
1914 ... ..	1,537,923	6,919	430,775	754,844	800,981	3,789,091	7,320,533
1915 ... ..	1,867,547	8,025	391,402	832,922	914,445	3,534,427	7,548,768
1916 ... ..	2,189,456	9,119	293,625	686,421	1,058,171	3,819,582	8,056,374
1917 ... ..	2,004,944	8,327	162,795	743,093	1,388,514	3,514,876	7,822,549
1918 ... ..	1,679,772	11,769	115,862	662,534	1,706,230	3,411,653	7,587,820

No. 31.—Areas under various kinds of Crops in Western Australia, 1908–1909 to 1917–1919.

Season ended last day of February.	Grain Crops.				Hay of all kinds.	Potatoes.	Vineyards.	Orchards.	Other Crops.
	Wheat.	Oats.	Barley.	Other.					
1909 ... ..	acres. 285,011	acres. 59,461	acres. 7,308	acres. 1,517	acres. 201,874	acres. 2,026	acres. 3,122	acres. 15,016	acres. 10,004
1914 ... ..	1,097,193	133,625	11,502	2,282	246,640	5,229	2,864	20,575	18,013
1915 ... ..	1,376,012	96,085	6,986	2,982	332,037	4,778	2,920	21,378	24,369
1916 ... ..	1,734,117	104,086	10,069	1,230	290,036	4,866	2,751	21,805	20,496
1917 ... ..	1,566,608	122,220	11,105	1,147	240,726	5,838	3,031	21,752	32,517
1918 ... ..	1,249,762	95,666	5,028	919	265,899	4,484	2,996	21,137	33,881
Forecast, 1919 ...	1,165,020	163,426	7,764	...	*256,853	...	...	...	...

\* Wheaten, Oaten, and Barley Hay.

No. 32.—Yield of Principal Crops and quantity of Wine made, 1908–1909 to 1917–1919.

Season ended last day of February.	Principal Grain Crops.			Hay of all kinds.	Potatoes.	Wine.
	Wheat.	Oats.	Barley.			
1909 ... ..	bushels. 2,460,823	bushels. 739,303	bushels. 74,433	tons. 170,008	tons. 6,695	gallons. 132,488
1914 ... ..	13,331,350	1,655,681	167,915	278,585	17,803	208,738
1915 ... ..	2,624,190	464,943	24,090	156,932	14,724	162,190
1916 ... ..	18,236,355	1,538,092	130,870	395,172	14,118	166,820
1917 ... ..	16,103,216	1,689,352	134,055	236,989	16,841	220,439
1918 ... ..	9,303,787	908,592	35,761	267,163	11,320	156,532
Forecast, 1919 † ...	10,834,686	2,320,649	114,131	*249,617	...	...

\* Wheaten, Oaten, and Barley Hay.

† Latest revised estimate.

No. 33.—Average Yield per Acre of Principal Crops, 1908–1909 to 1917–1919.

Season ended last day of February.	Principal Grain Crops.			Hay of all kinds.	Potatoes.
	Wheat.	Oats.	Barley.		
1909 ... ..	bush. 8.63	bush. 12.43	bush. 10.19	tons. 0.84	tons. 3.30
1914 ... ..	12.15	12.40	14.60	1.13	3.40
1915 ... ..	1.91	4.84	3.45	0.47	3.08
1916 ... ..	10.52	14.78	13.00	1.36	2.90
1917 ... ..	10.28	13.82	12.07	0.98	2.88
1918 ... ..	7.44	9.50	7.11	1.00	2.52
Forecast, 1919 † ...	9.30	14.20	14.70	*0.97	...

\* Wheaten, Oaten, and Barley Hay.

† Latest revised estimate.

# XI.—INDUSTRIAL ESTABLISHMENTS.

(Exclusive of Mines.)

No. 34.—Output of the principal Industrial Establishments of Western Australia, 1908 to 1917.

Factories, etc.	Articles, etc., Produced or Treated.		1908.	1913.	1914.	1915.	1916.	1917.
Tanneries .. ..	Hides tanned .. ..	No.	23,919	23,469	27,735	35,754	27,405	26,603
	Skins tanned .. ..	"	6,822	2,548	8,000	8,958	9,722	16,314
	Leather produced ..	lbs.	849,251	881,700	1,027,007	1,287,999	1,084,838	1,094,352
Brickworks .. ..	Bricks made .. ..	No.	23,841,818	35,085,335	g 34,853,961	21,666,820	18,584,997	17,488,340
Lime Works .. ..	Lime burned .. ..	tons	10,782	15,930	13,567	10,068	9,618	9,441
Forest Saw Mills ..	Timber sawn or hewn ..	sup. ft.	b 168,413,636	b 218,908,460	b 227,296,993	b 123,494,334	b 100,356,217	b 85,218,344
Confectionery Works ..	Confectionery made ..	lbs.	1,344,792	1,822,948	1,799,440	1,806,427	1,798,041	1,707,061
	Jam .. ..	"	275,898	133,633	c	c	c	c
Jam, Pickles, Sauce, and Vinegar Works	Pickles .. ..	pints	120,815	108,389	100,296	101,370	88,068	93,247
	Sauce .. ..	"	358,478	426,250	375,608	317,273	336,471	286,992
	Vinegar .. ..	"	c	197,858	279,005	c	132,913	c
Flour Mills .. ..	Wheat, ground .. ..	bush.	1,558,754	3,030,640	3,053,138	1,723,096	3,515,278	4,945,190
	Flour made .. ..	tons	31,424	61,997	61,922	32,396	70,912	102,300
Aerated Water and Cordial Factories	Aerated Waters made ..	doz.	1,109,342	1,145,157	1,157,897	1,054,570	941,947	m 885,775
	Cordials made .. ..	"	29,712	15,085	10,895	10,197	j 55,258	m 46,026
Breweries .. ..	Beer and Stout made ..	gall.	4,312,468	5,360,315	5,544,090	5,348,532	5,298,607	5,018,208
	Tobacco made .. ..	lbs.	3,807	c	4,650	6,700	e 9,089	4,300
Tobacco, Cigar, and Cigarette Factories	Cigars made .. ..	No.	544,200	c	c	c	c	c
	.. ..	lbs.	7,527	c	c	c	c	c
	Cigarettes made .. ..	No.	219,000	c	449,500	322,000	f	c
	.. ..	lbs.	581	c	1,083	826	c	c
Boot Factories .. ..	Boots and Shoes made ..	pairs	181,800	189,098	195,625	h 193,207	217,266	197,351
Electric Light and Power Works	Light .. ..	Brit. Units	...	d 7,079,328	d 6,882,737	d 7,240,146	d 7,435,194	7,053,190
	Power .. ..	"	...	d 18,656,249	d 20,707,714	d 20,890,550	d 19,507,716	23,406,240
Gas Works .. ..	l Gas supplied .. ..	cub. ft.	73,159,000	111,958,200	123,449,100	128,508,700	141,351,100	160,852,700
i Value, Industrial Production	.. ..	£	2,606,508	3,762,203	3,833,497	3,233,935	k 3,146,866	3,099,449

b Including the following quantities (in super. feet):—Hewn by Contractors for the Railway Department, Exporters, Coal and Gold Mines, etc., 1908, 2,557,235; 1913, 6,019,657; 1914, 4,461,796; 1915, 2,983,047; 1916, 10,353,028; 1917, 8,287,651. c Not available. d Exclusive of light and power produced for State Government Railway Workshops; information not available prior to 1917. e Including cigarettes. f Included with tobacco. g Including firebricks from 1914. h Exclusive of slippers from 1915. i Being the total value added to the raw material by the production of all Industrial Establishments from which returns are collected under the Statistics Act; value of raw material and fuel used is not included. The figures are different from those shown in Table No. 37 on page 29 under "Manufacturing," as, under the classification there adopted, several items annually collected from "Industrial Establishments" come under other headings. j. Hop Beer included from 1916. k, Excluding dental industrial establishments from 1916. l From 1917 Gas manufactured. m Corrected from preceding issue.

## XII.—WAGES.

No. 35.—Minimum\* Rates of Wages fixed by Agreements and Awards in the principal Industries, under the Industrial Arbitration Act up to 31st December, 1918.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
<b>MALES—</b>			£ s. d.
Aerated Water Factory Hands ... ..	Per week ... ..	48	2 14 0
Baker ... ..	do. ... ..	48	3 12 0
Baker (Goldfields) ... ..	do. ... ..	48	4 10 0
Barman ... ..	do. ... ..	54	3 5 0
Barman (Goldfields) ... ..	do. ... ..	54	† 3 0 0
Bed Maker ... ..	Per hour ... ..	...	0 1 5½
Blacksmith (Engineering) ... ..	do. ... ..	...	0 1 8½
Blacksmith (Coachbuilding) ... ..	Per day ... ..	8	0 11 6
Boatbuilder ... ..	do. ... ..	8	0 15 0
Boat Master (Lighter) ... ..	Per week ... ..	47	3 0 0
Boilermaker ... ..	Per hour ... ..	...	0 1 3½
Bookbinder and Paper-ruler ... ..	Per week ... ..	48	3 10 0
Bootmaker ... ..	Per hour ... ..	...	0 1 6
Boxmaker ... ..	Per day ... ..	8	9s. 9d. to 12s.
Brass-finisher (Engineering) ... ..	Per hour ... ..	...	0 1 6½
Brewery Employee ... ..	Per week ... ..	48	£3 3s. to £4 1s.
Brewery Employee (Goldfields) ... ..	do. ... ..	48	3 10 0
Brickyards and Pottery Works Employees ... ..	Per hour (adults) ... ..	...	1s. to 1s. 4½d
Butcher—Shopman ... ..	Per week ... ..	48	£3 to £3 18s. 9d.
Butcher—Shopman (Goldfields) ... ..	do. ... ..	56	4 0 0
Cabinetmaker ... ..	Per hour ... ..	...	0 1 6
Carpenter and Joiner ... ..	Per day ... ..	...	0 12 9
<b>Carter—</b>			
Bread ... ..	Per week ... ..	54	3 0 0
Brewery ... ..	do. ... ..	48	3 10 6
Brick ... ..	Per hour ... ..	...	0 1 1½
Butcher ... ..	Per week ... ..	52	3 0 0
Butcher (Goldfields) ... ..	do. ... ..	56	3 10 0
Coal (one horse) ... ..	Per week ... ..	48	3 0 0
Firewood ... ..	do. ... ..	48	2 14 0
Grocery (one horse) <i>b</i> ... ..	do. ... ..	50	2 14 0
Lime Industry ... ..	Per day ... ..	8	0 10 0
Milk <i>a</i> ... ..	Per week ... ..	60	3 0 0
Other (one horse) <i>a c</i> ... ..	do. ... ..	48	2 14 0
Slaughtering Trade ... ..	do. ... ..	60	3 0 0
Slaughtering Trade (Goldfields) ... ..	do. ... ..	48	4 0 0
Timber Industry—Bush ... ..	Per day ... ..	8	0 9 7
Timber Industry—City ... ..	Per week ... ..	48	3 0 0
Carver (Wood) ... ..	Per hour ... ..	...	0 1 6½
Chainman ... ..	Per day ... ..	8	0 11 7
Chairmaker ... ..	Per hour ... ..	...	0 1 6
Coachbuilder ... ..	Per day ... ..	8	0 11 6
Compositor ... ..	Per week ... ..	48	£4 to £4 10s.
Confectioner ... ..	do. ... ..	48	3 0 0
<b>Cook—</b>			
Chief, where more than one employed ... ..	do. ... ..	...	† 3 10 0
Chief, where more than one employed (Gfds.) ... ..	do. ... ..	60	† 3 0 0
Other Cooks ... ..	do. ... ..	...	† £2 to £3 1s.
Other Cooks (Goldfields) ... ..	do. ... ..	60	† 2 5 0
Cooper ... ..	do. ... ..	48	4 0 0
Do. (Goldfields) ... ..	do. ... ..	48	4 10 0
Coppersmith ... ..	Per hour ... ..	...	0 1 8½
Currier ... ..	Per week ... ..	48	3 5 0
Cutter (Clothing) ... ..	do. ... ..	48	3 5 0
Dairyman, Yardman ... ..	do. ... ..	60	3 0 0
Dairyman, Yardman (Goldfields) ... ..	do. ... ..	60	3 10 0
Driller (Engineering) ... ..	Per hour ... ..	...	0 1 3½
<b>Electrical Trade—</b>			
Leading hand ... ..	1s. 6d. per day extra ... ..	8	0 ...
Labourer ... ..	Per hour ... ..	...	0 1 2½
Fitter ... ..	do. ... ..	...	0 1 6½
Lineman ... ..	do. ... ..	...	0 1 4½
Wireman ... ..	do. ... ..	...	0 1 5½
<b>Engine-driver—</b>			
Locomotive Engine ... ..	Per day ... ..	8	11s. 0d. to 15s. 0d.
Stationary Engine ... ..	do. ... ..	8	11s. 6d. to 13s. 6d.
Traction Engine ... ..	do. ... ..	8	0 12 6
Engineers (Mining) ... ..	do. ... ..	8	0 13 4
Engine-fitter—Timber (Locomotive) ... ..	do. ... ..	8	0 13 7
Engine-fitter—Other ... ..	Per hour ... ..	...	0 1 6½
Fire Brigade Employees ... ..	Per week ... ..	...	£2 12s. to £3 12s.
Firemen, Locomotive Engine ... ..	Per day ... ..	8	0 10 6
Firemen, Stationary Engine ... ..	do. ... ..	8	10s. 6d.
Fitter ... ..	Per hour ... ..	...	0 1 6½

\* It should be carefully noted that each award applies only to some particular area. The rates of wages payable on the Goldfields, in many cases, are not fixed by any award, but the ruling rates are higher all round than those payable in coastal districts for similar occupations. † With Board and Lodging. *a* Juniors under the age of 21 years are paid at Special Rates. *b* Juniors under the age of 19 years are paid at Special Rates. *c* Produce Merchant, General Ironmongery, Wood Merchant, Fruit Merchant, Laundry, General Carrier, and Parcels Express.



No. 35.—Minimum\* Rates of Wages fixed by Agreements and Awards under the Industrial Arbitration Act—continued.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
<b>MALES—</b>			
French polisher ... ..	Per hour ... ..	...	£ s. d. 0 1 5½
Gas Works Employees ... ..	Per week ... ..	48	2 15 0
Groom—Timber Industry (Bush) ... ..	do. ... ..	48	2 17 6
Hairdresser ... ..	do. ... ..	54	3 0 0
Hairdresser (Goldfields) ... ..	do. ... ..	52½	4 0 0
Harbour Works Employee ... ..	Per day ... ..	...	9s. 9d. to 13s. 9d.
Harnessmaker ... ..	Per week ... ..	48	3 0 0
Hide, Skin, and Wool-Store Employee ... ..	do. ... ..	44	3 3 0
Hod-carrier ... ..	Per hour ... ..	...	1s. 4½d. to 1s. 6d.
Horse-driver ( <i>see</i> Carter). Joiner ( <i>see</i> Carpenter).	...	...	...
Kitchenman ... ..	Per week ... ..	e	£ 1 12 0
Labourer, Builders' ... ..	Per hour ... ..	...	1s. 4d. to 1s. 6d.
Labourer, General ... ..	Per day ... ..	8	0 9 7
Laundry Employees, 21 years and upwards    ... ..	do. ... ..	8	0 6 0
Letter-press Machinist ... ..	Per week ... ..	48	3 10 0
Lighterman ... ..	do. ... ..	47	3 0 0
Lime Worker ... ..	Per day ... ..	8	0 9 6
Linotype Operator ... ..	Per week ... ..	42 hrs. day work	£ 10s. to £ 5
Machinist (Iron) (driller) ... ..	Per hour ... ..	8	0 1 3½
Machinist (Wood) ... ..	Per day ... ..	8	10s. 1d. to 13s. 1d.
Machinist, other ... ..	Per hour ... ..	...	0 1 5½
Marbler ... ..	Per week ... ..	48	3 10 0
Marine Diver ... ..	d ... ..	d	1 2 6
Mattress Maker ... ..	Per hour ... ..	...	0 1 5½
Miller, Flour ... ..	Per day ... ..	8	0 12 4
Mill Hand (Flour) General ... ..	do. ... ..	8	0 9 0
Miner, Coal (labourer on coal mine) ... ..	Per shift ... ..	8	0 11 8
Miner, Gold ... ..	do. ... ..	...	£ 10 1 1
Monotype Operator ... ..	Per week ... ..	42 hrs. day work	3 17 6
Motor Mechanic ... ..	Per day ... ..	8	0 12 7
Moulder ... ..	do. ... ..	8 hrs. 25 min. §	0 11 0
Musician ... ..	Per week ... ..	21 (abt.)	3 0 0
Navy—Timber Industry ... ..	Per day ... ..	8	0 9 7
Night Watchman ... ..	Per week ... ..	...	2 17 6
Packer ... ..	do. ... ..	a	2 14 0
Painter and Paperhanger ... ..	Per hour ... ..	...	0 1 6
Pantryman ... ..	Per week ... ..	e	£ 1 12 0
Paper-ruler ... ..	do. ... ..	48	3 10 0
Pastry-cook ... ..	do. ... ..	48	3 1 6
Pattern-maker ... ..	Per hour ... ..	...	0 1 9½
Pipemaker (Vertical) ... ..	do. ... ..	...	1s. 2½d. to 1s. 5½d.
Planer (Engineering), etc. ... ..	Per day ... ..	8	0 11 7
Plasterer ... ..	Per hour ... ..	...	0 1 6
Plumber ... ..	do. ... ..	...	0 1 7½
Quarryman ... ..	Per day ... ..	8	0 9 0
Saddler ... ..	Per week ... ..	48	3 0 0
Saw doctor ... ..	Per day ... ..	8	0 12 0
Sawyer—Bush Timber Mills ... ..	do. ... ..	8	10s. 7d. to 13s. 7d.
Sawyer—City Timber Mills ... ..	do. ... ..	8	0 10 7
Scale-adjuster ... ..	do. ... ..	8	0 12 0
Scudder (Tannery) ... ..	Per week ... ..	48	2 15 0
Sculleryman ... ..	do. ... ..	e	£ 1 12 0
Sculleryman (Goldfields) ... ..	do. ... ..	60	£ 2 0 0
Shipwright ... ..	Per day ... ..	8	0 15 0
<b>Shop Assistants—</b>			
Hardware, Furniture, and Carpets ... ..	Per week ... ..	a	£ 3 5 0
All other Departments ... ..	do. ... ..	a	3 2 6
Juniors ... ..	do. ... ..	e	10s. to £ 2 5
Grocers' Canvasser ... ..	do. ... ..	50	3 7 6
Signwriter ... ..	Per hour ... ..	...	0 1 6
Slaughterman ... ..	Per week ... ..	46	4 0 0
Slaughterman (Goldfields) ... ..	do. ... ..	48	4 10 0
Spotter—Timber Industry ... ..	Per day ... ..	8	0 12 7
Stableman—City Saw Mills ... ..	Per week ... ..	56	3 0 0
Stableman—Country Saw Mills ... ..	do. ... ..	48	2 14 6
Storeman ... ..	do. ... ..	a	2 10 0
Storeman—Flour Milling Industry ... ..	Per day ... ..	8	0 9 6
Striker—Blacksmith's ... ..	Per hour ... ..	...	0 1 3½
Superphosphate Workers (skilled) ... ..	Per day or shift ... ..	...	9s. 6d. to 10s.
Survey Hand ... ..	Per day or per shift ... ..	...	0 10 0
Tailor Out—Bush Timber Mills ... ..	do. do. ... ..	8	0 9 7
Tailor Out—City Timber Mills ... ..	do. do. ... ..	8	0 10 1
Tailor ... ..	Per week ... ..	48	3 0 0
Do. ... ..	do. ... ..	48	c 4 5 0
Tailor's Presser ... ..	do. ... ..	48	2 10 0
Tallyman ... ..	Per day ... ..	48	0 9 7

\* See note \* on page 26.

† There is a separate award or agreement operating in each of the gold mining districts; the amount quoted is the lowest of these, the average being about 13s. 6d. per shift, with a weekly working time of 47 hours.

‡ With Board and Lodging. § Understood that hours of labour are now eight per day. || For workers under 21 years of age the minimum ranges from 2s. to 5s. a Usual time observed in each establishment prior to award. b Juniors up to 22 years of age are paid at special rates. c Goldfields.

d Per day or part of day engaged in diving. e Hours prescribed by Early Closing Act.



No. 35.—Minimum *a* Rates of Wages fixed by Agreements and Awards under the Industrial Arbitration Act—continued.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
<b>MALES—</b>			
Tannery Employee (Adult) ... ..	Per week ... ..	48	£ s. d. 2 15 0
Timber Sorter ... ..	Per day ... ..	8	0 10 1
Tinsmith ... ..	do. ... ..	...	0 9 7
Tip-dray Driver ... ..	Per hour ... ..	...	0 1 3
<i>f</i> Tramway Employee—			
Conductor (Fremantle) ... ..	do. ... ..	...	0 1 0
Conductor or Motorman (Goldfields) ... ..	do. ... ..	...	0 1 4½
Conductor or Motorman (Perth) ... ..	Per week ... ..	48	3 3 6
Trucker—Flour Milling Industry ... ..	Per day ... ..	8	0 9 0
Turner (Metal) ... ..	Per hour ... ..	...	0 1 6½
Turner (Wood) ... ..	do. ... ..	...	0 1 6
Undertaker's Assistant ... ..	Per week ... ..	44	3 0 0
Unhairer—Tannery ... ..	do. ... ..	48	2 15 0
Upholsterer ... ..	Per hour ... ..	...	0 1 5½
Waiter ... ..	Per week ... ..	<i>e</i>	d 1 17 6
Waiter (Goldfields) ... ..	do. ... ..	60 <sup>e</sup>	d 2 0 0
Water Supply and Sewerage employees— Labourer ... ..	Per day ... ..	8	0 9 7
<b>Wharf Labourer—</b>			
General Coal Work (Albany) ... ..	Per ton per gang ... ..	...	0 1 3
General Cargo Work (Bunbury) ... ..	Per hour ... ..	...	0 1 6
General Coal Work (Bunbury) ... ..	do. ... ..	...	0 1 7
General Coal Work (Busselton) ... ..	do. ... ..	...	0 1 6
General Coal Work (Fremantle) ... ..	do. ... ..	...	0 1 7
General Cargo Work (Fremantle) ... ..	do. ... ..	...	0 1 6
General Cargo Work (Geraldton) ... ..	do. ... ..	...	0 1 6
General Coal Work (Geraldton) ... ..	do. ... ..	...	0 1 7
General Cargo Work (Perth) ... ..	do. ... ..	...	0 1 3
Wheat Lumper—Flour Milling Industry ... ..	do. ... ..	...	0 1 6
Wheelwright ... ..	Per day ... ..	8	0 11 6
Wicker Worker ... ..	Per hour ... ..	...	0 1 4½
Winchman, log landing ... ..	Per day ... ..	8	0 9 7
Wine and Spirit Warehouse employees ... ..	Per week ... ..	48	3 1 0
Wire-mattress Maker ... ..	Per hour ... ..	...	0 1 5½
Yardman ( <i>b</i> ) ... ..	Per day ... ..	8	0 9 0
<b>Railway and Tramway (<i>c</i>) (<i>f</i>) Servants—Government—</b>			
Blacksmith ... ..	Per day ... ..	8	0 11 6
Boilermaker ... ..	do. ... ..	8	13s. 1d. to 15s. 7d.
Brassfinisher ... ..	do. ... ..	8	0 12 7
Car Conductor ... ..	Per week ... ..	48	3 3 6
Caretaker ... ..	do. ... ..	(7 days)	3 0 0
Cook ... ..	Per day ... ..	8	0 12 7
Decorator ... ..	do. ... ..	8	0 10 6
Driller ... ..	do. ... ..	8	0 10 7
Electro-plater ... ..	do. ... ..	8	0 12 1
Engine-driver (Locomotive)—First Class ... ..	do. ... ..	8	0 15 0
Engine-driver (Locomotive)—Fifth Class ... ..	do. ... ..	8	0 13 0
Engine-driver (Stationary) ... ..	do. ... ..	8	11s. 6d. to 12s. 6d.
Engine-fitter ... ..	do. ... ..	8	0 12 7
Fireman (Locomotive)—First Class ... ..	do. ... ..	8	0 12 0
Fireman (Locomotive)—Third Class ... ..	do. ... ..	8	0 10 0
Forger ... ..	do. ... ..	8	0 17 0
Galvaniser ... ..	do. ... ..	8	0 11 7
Ganger ... ..	do. ... ..	8	12s. 1d. to 12s. 7d.
Guard ... ..	do. ... ..	8	0 11 1
Labourer ... ..	do. ... ..	8	0 9 7
Locomotive Cleaner—1st year ... ..	do. ... ..	8	0 6 6
Locomotive Cleaner—6th year ... ..	do. ... ..	8	0 9 0
Moulder ... ..	do. ... ..	8	12s. 7d. to 15s. 1d.
Pattern-maker ... ..	do. ... ..	8	0 14 1
Platelayer ... ..	do. ... ..	8	10s. 7d. to 13s. 7d.
Porter ... ..	do. ... ..	8	9s. 7d. to 11s. 1d.
Shunter ... ..	do. ... ..	8	10s. 1d. to 12s. 1d.
Signalman—Fourth-class ... ..	do. ... ..	8	0 10 1
Signalman—First-class ... ..	do. ... ..	8	0 12 7
Tarpaulin-maker ... ..	do. ... ..	8	10s. 7d. to 11s. 7d.
Ticket-collector ... ..	do. ... ..	8	10s. 1d. to 10s. 7d.
Ticket Inspector ... ..	do. ... ..	8	0 10 7
Turner (Metal) ... ..	do. ... ..	8	0 12 7
Waiter ... ..	do. ... ..	8	0 9 7
Watchman ... ..	Per week ... ..	(7 days)	3 11 6
Wireman ... ..	Per day ... ..	8	0 11 7
<b>Railway Servants—</b>			
Midland Railway ... ..	(Practically same as Government Railway		Servants.)
Bush Timber Mills:			
Engine-driver (Locomotive) ... ..	Per hour ... ..	...	0 1 8
Guard ... ..	do. ... ..	...	0 1 5½
Platelayer ... ..	Per day ... ..	8	0 10 7

*a* See Note \* on p. 26.

*b* Not applicable to Hotels and Restaurants.

*c* See also under "Tramways."

*d* With Board and Lodgings.

*e* Hours prescribed by Early Closing Act.

*f* Tramway Rates since provisionally modified by voluntary agreement.

No. 35.—Minimum\* Rates of Wages fixed by Agreements and Awards under the Industrial Arbitration Act—continued.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
<b>MALES—</b>			£ s. d.
Railway and Tramway Service—Government —continued.			
c Tramway Employee (Government)—			
Ganger ... ..	Per week ... ..	48	3 12 0
Welding Machine Hand ... ..	do. ... ..	48	3 15 0
Others ... ..	do. ... ..	48	£2 17s. 6d. to £3 9s. 6d.
<b>FEMALES—</b>			
Barmaid ... ..	do. ... ..	54	3 5 0
Barmaid (Goldfields) ... ..	do. ... ..	48	† 2 10 0
Clothing Maker ... ..	do. ... ..	48	1 10 0
Cook—			
Chief, where more than one employed ...	do. ... ..	b	† £1 16s. 6d. to £2 2s.
Other Cooks ... ..	do. ... ..	b	£1 4s. to £1 10s.
Chief, where more than one employed (Goldfields) ... ..	do. ... ..	60	† 2 10 0
Other Cooks ... ..	do. ... ..	60	† 1 15 0
Cook or Kitchen Hands in charge (Adults)—			
Tea Rooms ... ..	do. ... ..	48	£1 4s. to £1 6s. 6d.
Dressmaker ... ..	do. ... ..	48	1 12 0
Kitchenmaid ... ..	do. ... ..	b	† 1 0 0
Milliner ... ..	do. ... ..	48	1 10 0
Pantrymaid ... ..	do. ... ..	b	† 1 0 0
Scullerymaid ... ..	do. ... ..	b	† 1 0 0
Shop Assistants ... ..	do. ... ..	a	1 17 6 to 2 0 0
Juniors ... ..	do. ... ..	a	7s. 6d. to £1 9s.
Tailoress ... ..	do. ... ..	48	1 15 0
Waitress ... ..	do. ... ..	b	† 1 2 6
Waitress—Tea Room ... ..	do. ... ..	b	† 1 1 6
Waitress—			
Head Waitress (Goldfields) ... ..	do. ... ..	60	† 2 0 0
Waitress (Goldfields) ... ..	do. ... ..	60	† 1 10 0
Whiteworker ... ..	do. ... ..	48	1 10 0

\* See note \* on p. 26. † With Board and Lodgings. ‡ Board only. a Usual time observed in each establishment prior to award. b Hours prescribed by Early Closing Act. c See Note f on page 27.

### XIII.—PRODUCTION.

No. 36.—Estimated value of Western Australian Production, 1914 to 1917.

Year.	Agricultural.	Pastoral.	Dairy, Poultry, and Bee-Farming.	Forestry and Fisheries.	Mining.	Manufac- turing.	Total.
	£	£	£	£	£	£	£
1914 * ... ..	3,097,140	2,057,735	560,766	1,529,622	5,533,990	2,676,419	15,455,672
1915 * ... ..	6,529,633	3,030,234	586,549	836,250	5,478,149	2,480,744	18,941,559
1916 * ... ..	5,889,663	3,670,966	691,366	860,959	4,893,417	2,542,072	18,548,443
1917 * ... ..	4,256,551	3,210,731	665,963	844,072	4,629,027	2,516,920	16,123,264

\* In the case of Agricultural Production, seasons ended last day of February in following year.

### XIV.—METEOROLOGICAL STATISTICS.

No. 37.—Notes on the Rainfall of Western Australia for October, November, and December, and the Year 1918.

*October.*—The determining factor in the distribution of the October rainfall was undoubtedly the persistence of Antarctic low pressure influences. Monsoonal depressions also formed over the interior at frequent intervals, but the main effect of their presence was to accentuate the Northward surge of the Southern low pressure belt. Most of the rain during the month, therefore, fell in the South-West quarter of the State—roughly, from Northampton to Israelite Bay, and inland as far as Southern Cross and Norseman. A few light showers penetrated to other portions of the goldfields, and to parts of the Gascoyne, but otherwise the remainder of the State experienced an absolutely dry month.

Over the area defined above as having been particularly favoured by the rain-bearing systems, moderate to heavy excesses above the normal values for the month were for the most part recorded, the chief exception being the lower half of the Great Southern country, where light to moderate deficiencies occurred. On the South-West coast showery weather was very constant, the only lengthy fine spell being from the 11th to the 16th.

During the first half of the month frequent showers, but no heavy rain, visited the wheat belt. The latter portion of the period under review was, however, marked by three good general falls—on the 17th, 22nd and 28th—of which the last was the heaviest.

*November.*—The November rainfall was, for the most part, light and below the normal for the month. Portions of the agricultural country, a considerable area in the South-East corner of the State, part of the Northern and central Kimberley districts, and scattered places on the central Murchison goldfield, however, recorded small excesses above the average.

Showers of Antarctic origin were frequent, but always very light, and, except towards the end of the month, were confined to the coastal fringe. On the 25th, however, a complex tropical depression, which had been gradually working Southward in two sections, one coastwise and the other inland, culminated in fairly general thunderstorms, affecting chiefly the South-West quarter of the State. This system was also responsible for hailstorms over some of the inland areas. The hail appears to have been heaviest over the belt of country from Pithara through Goomalling and Meekering to Corrigin. This disturbance lasted until the end of the month, and concluded with showers of Antarctic character.

In the Kimberley thunderstorms were fairly frequent, but no rain fell in the North-West or over the West Gascoyne.

*December.*—Over the greater part of the State, the rainfall for December was very sparse. Only in the Kimberley and in the inland portion of the North-West, where thunderstorms were frequent, were totals of any importance recorded, and at many stations in those districts excesses above the average were met with. A few localities in the interior of the West Gascoyne and the far north of the East Gascoyne also recorded small excesses, but elsewhere the gaugings fell short of normal values.

The little rain that visited sub-tropical areas fell mostly in the form of scattered inland thunderstorms and light coastal showers, the latter chiefly on the 1st, 8th and 22nd.

*Year 1918.*—Over the greater part of Western Australia the year 1918 was one of ample rainfall, but it was not without abnormal features. Amongst the more notable were the phenomenal rains during the opening months, more especially in February. January was productive of frequent depressions, which brought bountiful rains to the tropics, but reached the remainder of the State as little more than heat-wave systems. The final phases of two of them, however, resulted in very heavy downpours in the extreme South-West (on the 20th and 26th).

With the opening days of the ensuing month a "Willy Willy" appeared on the North-West coast, and brought heavy rains to the Tropics and Goldfields.

Ordinary tropical depressions, associated with rain and intensely humid conditions, followed at regular intervals. Even in the Tropics, where summer rains are the rule, the averages were greatly exceeded (10·38 inches above normal at Broome), and at a large number of sub-tropical stations, especially over the Murchison and Eastern Agricultural areas, all previous records for February were eclipsed.

After the 25th the weather underwent a decided change. In the tropics the summer rains ceased suddenly, and over the remainder of the State a dry spell lasted until about the end of March, when another unusual feature came into prominence. On the 25th and 26th a general and heavy rainstorm swept over the South-West quarter and Goldfields, yielding totals in excess of the month's average at the majority of stations; it was associated with violent thunderstorms and some local hail, and during the succeeding two months almost every disturbance was similarly characterised. In Perth, for example, scarcely a week passed without a terrific thunderstorm. During this period the systems were varied in type; some were clearly indicated on the isobaric charts, but of minor importance as rain-producing factors. To this type belonged a visitation on 21st April, which was reminiscent of the "Willy Willy" which visited our Western Coastline in February 1915. Others influenced the barometric readings very little, but were none the less active rain-bearing agents, while others again were well defined on the charts, and productive of violent wind and widespread rains. The most important were those that occurred (1) in the opening week of April, as a result of which the Eastern Agricultural areas and Coolgardie Goldfields registered totals in excess of those recorded for any previous April, except that of 1900; (2) between 9th and 14th May, when severe gales were experienced on the West, South-West, and South coasts; and (3) 20th and 25th May, when parts of the North-West participated. The May rainfall was chiefly confined to the Gascoyne, South-West quarter and South coast, where excesses occurred, but on the Goldfields the month's totals were light.

With the opening days of June, winter conditions were well established. The rain fell throughout the month almost incessantly. On and near the coast, and at many agricultural centres, it was one of the wettest months ever experienced, but to the East and North it diminished in intensity, being about normal in the Gascoyne and Goldfields.

A totally different aspect was presented in July. After a brief rainy spell during the opening days, the remainder of the month was practically a continuous dry period, broken by a single rainstorm from the 21st to the 23rd. In all, only about half the normal rainfall was registered in the West and South-West and over the agricultural country. Another unusual feature of the month was the occurrence of moderate rains in the Kimberley.

After the close of July, about six weeks of persistently showery weather, chiefly controlled by passing Antarctic depressions, ensued. Heavy gaugings were almost entirely absent, and consequently this period, although an improvement upon the dry July weather, was not up to the usual standard. Towards mid-September, however, an abnormally active Antarctic disturbance was followed closely by a storm of Tropical origin. The combined activities resulted in about a week of wet weather, culminating, on the 15th, in one of the finest rainfalls experienced during the whole Winter Season. Agricultural prospects, which were decidedly good prior to the end of June, but received a severe set-back as a result of the dry July, now brightened considerably, but a dry fortnight, which occupied the latter half of September, again occasioned considerable anxiety, as it was believed, in many quarters, that the winter rains had finally ceased for the year.

October, however, saw a recrudescence of the showery weather that prevailed in August, and, on the whole, both this and the preceding month were in excess of the average in the South-West quarter, but deficient elsewhere. The final month's rainfall was sparse over all sub-tropical areas and generally deficient in the Tropics, although good excesses were encountered at certain localities.

Taking the year's totals as a whole, excesses were shown along the whole coastline (apart from three or four minor exceptions) from Cossack to Israelite Bay, and inland to the Eastward fringe of the Murchison and Coolgardie Goldfields. The Kimberley country North from Turkey Creek likewise recorded more than the normal amount (to the extent of from one to four inches). The largest excess occurred at Winning Pool (12·84 inches above), and excesses of 10 inches or over were also met with at widely separated stations on the Southern Murchison and in the South-West.

At many agricultural centres the normal was surpassed by as much as seven or eight inches, but on the other hand, a large number showed differences of less than one inch from the average values. The great majority, however, both in the South-West quarter and on the Goldfields, were from two to five inches above.

Deficiencies, of very variable quantity, occurred in the greater part of the Kimberley and DeGrey districts, at several places in the extreme East of the Murchison and Coolgardie Goldfields, and on the extreme South-East coast. At Condon, in the North-West, the defect amounted to five inches, but in no other case did it equal three inches.

### No. 33.—Abstract of Meteorological Observations.

(a) At Perth (Latitude, 31° 57' S. Altitude above mean sea-level, 197 feet. Longitude, 115° 51' E.)

1918.	Barometer.*				Shade Temperature.								Evaporation.		Rainfall.			
	Average for 33 years.	Highest.	Lowest.	Mean Maximum.	Mean Minimum.	Maximum on any one day.	Minimum on any one day.	Highest previous record since 1897.		Lowest previous record since 1897.		Inches.	Aver., 19 yrs., Inches.	Total.		Average for 42 years.		
								Max.	Date.	Min.	Date.			Inches.	Days.	Inches.	Days.	
Jan. ...	29·91	30·16	29·61	89	67	107	53	107	1897	51	1901	10·25	10·43	0·43	4	0·34	3	
Feb. ...	·93	·19	·56	84	66	94	55	107	1915	48	1902	7·99	8·66	1·21	5	0·43	5	
Mch. ...	·99	·29	·74	80	60	92	51	106	1914	46	1903	7·02	7·66	1·91	6	0·70	3	
April ...	30·08	·33	·35	77	61	92	54	100	1910	39	1914	3·89	4·77	2·25	8	1·60	7	
May ...	·09	·34	·60	68	54	78	41	90	1907	34	1914	2·67	2·76	6·36	18	4·73	14	
June ...	·06	·37	·61	65	53	74	43	82	1914	36	1914	1·87	1·73	10·50	27	6·69	16	
July ...	·09	·56	·72	64	47	70	40	74	1899	34	1916	2·24	1·65	3·37	6	6·58	17	
Aug. ...	·09	·44	·62	63	48	71	38	81	1914	35	1908	2·16	2·38	6·07	18	5·62	18	
Sept. ...	·06	·32	·64	69	52	91	41	87	1913	39	1913	3·11	3·32	3·82	14	3·34	15	
Oct. ...	·03	·40	·58	69	53	88	43	93	1906	41	1917	5·22	5·24	2·90	15	2·11	11	
Nov. ...	29·99	·24	·73	77	59	97	48	105	1913	42	1904	7·23	7·70	0·52	12	0·80	6	
Dec. ...	·93	·24	·65	81	60	101	50	108	1904	48	1910	10·16	9·79	0·24	5	0·59	4	
Mean ...	...	...	...	73·8	56·7	...	...	...	...	...	...	5·32	...	...	...	...	...	
Extrem e	...	30·56	29·35	...	...	107	38	108	20-12-04	34	11-5-14 7-7-16	...	...	...	...	...	...	
Total ...	30·02	...	...	...	...	...	...	...	...	...	...	63·81	66·09	39·58	138	33·53	118	

\* In addition to other corrections, further correction for standard gravity has been applied.

(b) Annual Rainfall in Meteorological Land Divisions during 1917, with averages to the end of 1916.

(Figures revised from preceding issue.)

Land Divisions.	Rainfall during 1917.		Average previous years.		Period of Observations.	
	Range.	Mean.	Range of Means to end of 1916.	Average.	Range.	Average.
	Inches.	Inches.	Inches.	Inches.	Years.	Years.
North Kimberley ...	29·37 to 81·46	45·59	26·85 to 36·23	31·54	8 to 30	19
East Kimberley ...	18·56 " 45·72	29·18	18·09 " 36·29	26·99	5 " 26	15
West Kimberley ...	16·98 " 62·30	31·78	15·47 " 35·35	23·20	5 " 31	15
DeGrey ...	9·67 " 27·54	17·53	8·99 " 17·88	12·50	5 " 35	15
Fortescue ...	4·84 " 33·81	15·61	7·85 " 15·88	11·71	5 " 31	17
West Gascoyne ...	3·90 " 19·25	11·03	6·75 " 12·29	9·27	5 " 34	15
East Gascoyne ...	4·87 " 20·88	13·49	6·95 " 11·32	8·96	5 " 28	13
South-West—						
North Coastal ...	21·01 " 52·42	27·23	9·06 " 27·52	15·21	5 " 39	12
South Coastal ...	28·85 " 85·40	50·05	21·37 " 56·55	34·84	5 " 41	16
Central, North ...	14·27 " 42·60	22·95	9·89 " 23·49	12·54	5 " 37	10
Central, South ...	11·13 " 45·53	24·20	10·83 " 27·84	16·57	5 " 40	12
North-East ...	5·34 " 13·57	9·56	8·59 " 10·34	9·49	6 " 18	10
South-East ...	9·10 " 21·55	14·75	7·62 " 12·11	9·56	5 " 27	15
Eucaly ...	12·77 " 41·25	25·97	8·88 " 28·05	17·02	6 " 41	20

# XV.—PARLIAMENTARY ROLLS.

No. 39.—Legislative Assembly, Net Enrolment 30th June, 1918, and General Elections, 29th September, 1917.

District.	Net Enrolment.			District.	Net Enrolment.		
	Males.	Females.	Total.		Males.	Females.	Total.
Albany ... ..	2,233	1,790	4,023	Mount Magnet ...	1,019	362	1,381
Avon ... ..	2,685	1,352	4,037	Mount Margaret ...	764	303	1,067
Beverley ... ..	1,191	702	1,893	Murchison ... ..	1,129	411	1,540
Boulder ... ..	2,470	2,223	4,693	Murray-Wellington ...	1,325	1,036	2,361
Brown Hill-Ivanhoe ...	2,615	1,833	4,448	Nelson ... ..	1,933	1,312	3,245
Bunbury ... ..	1,477	1,451	2,928	Northam ... ..	1,272	1,165	2,437
Canning ... ..	3,568	3,758	7,326	Perth ... ..	2,626	2,529	5,155
Claremont ... ..	2,894	3,512	6,406	Perth, East ... ..	2,822	3,312	6,134
Collie ... ..	1,659	1,142	2,801	Perth, North ... ..	2,537	3,236	5,773
Coolgardie ... ..	1,315	587	1,902	Perth, West ... ..	2,041	2,805	4,846
Cue ... ..	802	397	1,199	Pilbarra ... ..	667	87	754
Forrest ... ..	1,544	705	2,249	Pingelly ... ..	1,495	908	2,403
Fremantle ... ..	2,347	2,007	4,354	Roeboorne ... ..	608	119	727
Fremantle, N.E. ... ..	3,052	3,193	6,245	Subiaco ... ..	3,123	3,919	7,042
Fremantle, South ... ..	2,352	2,233	4,585	Sussex ... ..	968	779	1,747
Gascoyne ... ..	699	217	916	Swan ... ..	1,751	825	2,576
Geraldton ... ..	1,379	1,190	2,569	Toodyay ... ..	2,136	1,191	3,327
Greenough ... ..	1,710	812	2,522	Wagin ... ..	1,594	1,013	2,607
Guildford ... ..	3,606	3,736	7,342	Williams-Narrogin ...	2,174	1,376	3,550
Hannans ... ..	1,152	947	2,099	Yilgarn ... ..	1,044	609	1,653
Irwin ... ..	1,677	741	2,418	York ... ..	1,792	1,088	2,880
Kalgoorlie ... ..	3,073	2,429	5,502				
Kanowna ... ..	1,464	507	1,971	All Districts... ..	91,813	73,331	165,144
Katanning ... ..	2,106	1,334	3,440				
Kimberley ... ..	1,229	194	1,423				
Leederville ... ..	3,588	4,268	7,856				
Menzies ... ..	679	338	1,017				
Moore ... ..	1,663	926	2,589				
Mount Leonora ... ..	764	422	1,186				

Election—29-9-17.

Names on Roll ...	93,106	73,845	166,951
In Contested Districts	76,445	61,310	137,755
Votes recorded ...	45,453	40,167	†85,620

† Including 1,447 Informal Votes.

No. 40.—Legislative Council, Net Enrolment 30th June, 1918, and General Elections, 11th May, 1918.

Electoral Province.	Number of Names on the Roll.			Electoral Province.	Number of Names on the Roll.		
	M.	F.	Total.		M.	F.	Total.
Central .. ..	3,359	758	4,117	South-West .. ..	3,876	1,021	4,897
East .. ..	5,760	1,259	7,019	West .. ..	5,126	1,740	6,866
Metropolitan .. ..	5,234	2,507	7,741				
Metropolitan-Suburban	10,896	4,736	15,632	All Provinces .. ..	46,265	14,787	61,052
North .. ..	670	80	750				
*North-East .. ..	3,129	928	4,057				
*South .. ..	2,889	793	3,682				
South-East .. ..	5,326	965	6,291				

Election—11-5-18.

Names on Roll ...	46,272	14,700	60,972
In contested Provinces	35,962	12,348	48,310
Votes recorded ...	14,043	3,930	† 17,973

\* 9th April, 1918.

† Including 317 Informal Votes.



Name		Address		City		State		Zip	
John Doe		123 Main St		New York		NY		10001	
Jane Smith		456 Elm St		Los Angeles		CA		90001	
Bob Johnson		789 Oak St		Chicago		IL		60601	
Alice Brown		101 Pine St		Houston		TX		77001	
David White		202 Cedar St		Phoenix		AZ		85001	
Mary Green		303 Birch St		Philadelphia		PA		19101	
James Black		404 Spruce St		San Antonio		TX		78101	
Susan Miller		505 Ash St		San Diego		CA		92101	
Michael Davis		606 Hickory St		Dallas		TX		75201	
Jennifer Wilson		707 Walnut St		San Jose		CA		95101	
Christopher Lee		808 Maple St		Austin		TX		78701	
Amanda Taylor		909 Elm St		Jacksonville		FL		32201	
Daniel Hall		1010 Oak St		Fort Worth		TX		76101	
Stephanie King		1111 Pine St		Columbus		GA		31901	
Nathan Wright		1212 Cedar St		Indianapolis		IN		46201	
Olivia Lopez		1313 Birch St		San Francisco		CA		94101	
Ethan Scott		1414 Spruce St		Nashville		TN		37201	
Sophia Adams		1515 Ash St		Portland		OR		97201	
Liam Baker		1616 Hickory St		Memphis		TN		38101	
Isabella Clark		1717 Walnut St		San Jose		CA		95101	
Noah Evans		1818 Maple St		Columbus		GA		31901	
Aria Harris		1919 Elm St		Indianapolis		IN		46201	
Caleb Nelson		2020 Oak St		San Francisco		CA		94101	
Scarlett Parker		2121 Pine St		Nashville		TN		37201	
Wyatt Roberts		2222 Cedar St		Portland		OR		97201	
Luna Turner		2323 Birch St		Memphis		TN		38101	
Grayson Walker		2424 Spruce St		San Jose		CA		95101	
Savannah Young		2525 Ash St		Columbus		GA		31901	
Jaxon Ziegler		2626 Hickory St		Indianapolis		IN		46201	
Aurora Bell		2727 Walnut St		San Francisco		CA		94101	
Silas Boyd		2828 Maple St		Columbus		GA		31901	
Valentina Carter		2929 Elm St		Indianapolis		IN		46201	
Easton Fisher		3030 Oak St		San Francisco		CA		94101	
Natalie Grant		3131 Pine St		Nashville		TN		37201	
Carter Hayes		3232 Cedar St		Portland		OR		97201	
Ariana King		3333 Birch St		Memphis		TN		38101	
Miles Lamb		3434 Spruce St		San Jose		CA		95101	
Gabriella Miller		3535 Ash St		Columbus		GA		31901	
Caleb Nelson		3636 Hickory St		Indianapolis		IN		46201	
Savannah Young		3737 Walnut St		San Francisco		CA		94101	
Jaxon Ziegler		3838 Maple St		Columbus		GA		31901	
Aurora Bell		3939 Elm St		Indianapolis		IN		46201	
Silas Boyd		4040 Oak St		San Francisco		CA		94101	
Valentina Carter		4141 Pine St		Nashville		TN		37201	
Easton Fisher		4242 Cedar St		Portland		OR		97201	
Natalie Grant		4343 Birch St		Memphis		TN		38101	
Carter Hayes		4444 Spruce St		San Jose		CA		95101	
Ariana King		4545 Ash St		Columbus		GA		31901	
Miles Lamb		4646 Hickory St		Indianapolis		IN		46201	
Gabriella Miller		4747 Walnut St		San Francisco		CA		94101	
Caleb Nelson		4848 Maple St		Columbus		GA		31901	
Savannah Young		4949 Elm St		Indianapolis		IN		46201	
Jaxon Ziegler		5050 Oak St		San Francisco		CA		94101	

Continued on next page

Page 10 of 10

Name		Address		City		State		Zip	
John Doe		123 Main St		New York		NY		10001	
Jane Smith		456 Elm St		Los Angeles		CA		90001	
Bob Johnson		789 Oak St		Chicago		IL		60601	
Alice Brown		101 Pine St		Houston		TX		77001	
David White		202 Cedar St		Phoenix		AZ		85001	
Mary Green		303 Birch St		Philadelphia		PA		19101	
James Black		404 Spruce St		San Antonio		TX		78101	
Susan Miller		505 Ash St		San Diego		CA		92101	
Michael Davis		606 Hickory St		Dallas		TX		75201	
Jennifer Wilson		707 Walnut St		San Jose		CA		95101	
Christopher Lee		808 Maple St		Austin		TX		78701	
Amanda Taylor		909 Elm St		Jacksonville		FL		32201	
Daniel Hall		1010 Oak St		Fort Worth		TX		76101	
Stephanie King		1111 Pine St		Columbus		GA		31901	
Nathan Wright		1212 Cedar St		Indianapolis		IN		46201	
Olivia Lopez		1313 Birch St		San Francisco		CA		94101	
Ethan Scott		1414 Spruce St		Nashville		TN		37201	
Sophia Adams		1515 Ash St		Portland		OR		97201	
Liam Baker		1616 Hickory St		Memphis		TN		38101	
Isabella Clark		1717 Walnut St		San Jose		CA		95101	
Noah Evans		1818 Maple St		Columbus		GA		31901	
Aria Harris		1919 Elm St		Indianapolis		IN		46201	
Caleb Nelson		2020 Oak St		San Francisco		CA		94101	
Scarlett Parker		2121 Pine St		Nashville		TN		37201	
Wyatt Roberts		2222 Cedar St		Portland		OR		97201	
Luna Turner		2323 Birch St		Memphis		TN		38101	
Grayson Walker		2424 Spruce St		San Jose		CA		95101	
Savannah Young		2525 Ash St		Columbus		GA		31901	
Jaxon Ziegler		2626 Hickory St		Indianapolis		IN		46201	
Aurora Bell		2727 Walnut St		San Francisco		CA		94101	
Silas Boyd		2828 Maple St		Columbus		GA		31901	
Valentina Carter		2929 Elm St		Indianapolis		IN		46201	
Easton Fisher		3030 Oak St		San Francisco		CA		94101	
Natalie Grant		3131 Pine St		Nashville		TN		37201	
Carter Hayes		3232 Cedar St		Portland		OR		97201	